Queens College Bulletin

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QUEENS COLLEGE BULLETIN
CATALOGUE ISSUE 1970-71

Queens College, Charlotte, North Carolina

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CORRESPONDENCE GUIDE

For Information Concerning		
	Academic Program	Dr. Alfred O. Canon *Dean of the College*
	Academic Records and Transcripts	Mrs. Elise M. Barksdale *Registrar*
	Admissions and Transfers	Terry L. Edmonson *Director of Admissions*
	Alumnae	Miss Anne S. Caldwell *Director of Alumnae Affairs*
	Fees and Business Matters	George S. Kilner *Treasurer and Business Manager*
	Financial Aid	Miss Anne S. Caldwell *Director of Student Aid*
	General Information	Director of Public Information
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	Guidance and Counseling	Mrs. Ann S. Gebhardt *Dean of Students*
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	Registration	Mrs. Elise M. Barksdale *Registrar*
	Residence Halls	Mrs. Ann S. Gebhardt *Dean of Students*
	Student Activities	Mrs. Ann S. Gebhardt *Dean of Students*

College Address 1900 Selwyn Avenue
Charlotte, North Carolina 28207

College Telephone (704) 332-7121

TABLE OF CONTENTS

1 GENERAL INFORMATION

The College 5
The Campus 9
Student Life 13

2 THE ACADEMIC PROGRAM

Admissions 17
Degree Requirements 22
Academic Regulations 25
Courses of Instruction 29
Honors Programs 122
Special Programs 125

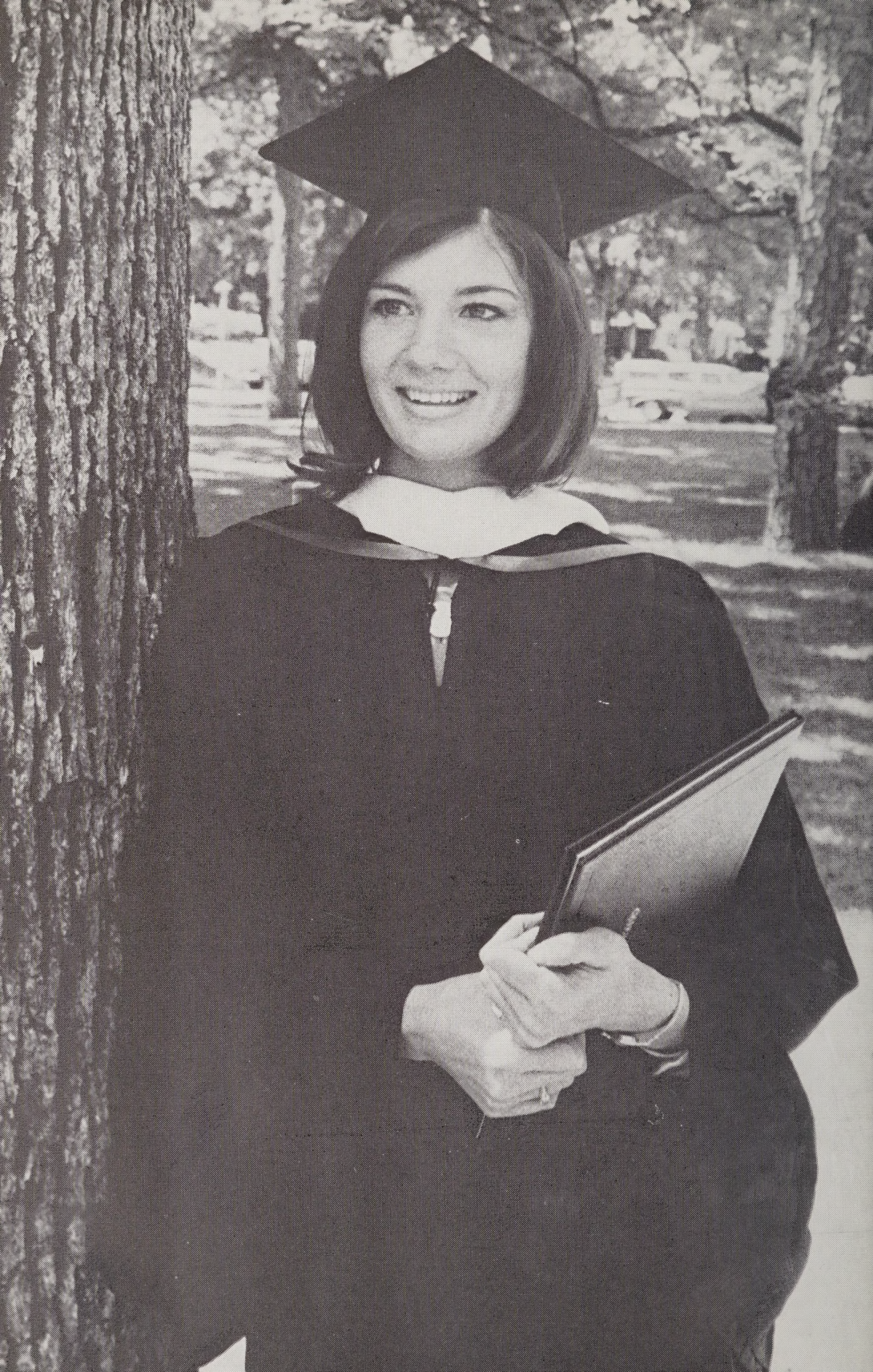
3 FINANCIAL INFORMATION

Fees: General and Special 129
Regulations Regarding Payments 130
Other Expenses 132
Financial Aid 133
- Federal Programs 133
- Queens Programs 134
- Scholarship and Grant Regulations 134
- Named Scholarships 136
- Named Loan Funds 137

4 DIRECTORIES

The Board of Trustees 139
The Administration 141
The Faculty 145
Alumnae Association Officers 153
Degrees Conferred 1970 154
Honors and Awards 1969-70 156
Summary of Enrollment 158
Geographical Distribution of Students 158
College Calendar 1970-71 159
Tentative College Calendar 1971-72 160
Calendar August 1970-December 1972 161

INDEX 162



1

GENERAL INFORMATION

THE COLLEGE

Queens is a church-related liberal arts college for women. It is located in Charlotte, North Carolina, and is accredited by the Southern Association of Schools and Colleges and the National Association of Schools of Music.

History Queens was founded in 1857 as the Charlotte Female Institute, then located on College Street near the center of the city. For five years after 1891 it was called the Seminary for Girls, and upon affiliation with the Presbyterian Church in the United States in 1896, was known as the Presbyterian College for Women. In 1912, anticipating the move to its present campus in the Myers Park residential area in 1914, it became Queens College.

That name revived pre-Revolutionary traditions, for in 1771 a group of North Carolina colonists sought a royal charter for Queens College to be located in the town of Charlotte which was named for the British queen, Charlotte of Mecklenburg. George III refused the petition, doubting the wisdom of creating an institution to perpetuate non-conformist views favored by the Scotch-Irish Presbyterians who had settled in the Piedmont. A school was chartered in 1773, however, under the unusual title of Queens Museum. During the Revolution it sympathized with the colonial cause and became known as the Liberty Hall Academy. The academy's post-Revolutionary history is sketchy, but in 1821 the Male and Female Academy Corporation was chartered to operate the Liberty Male Academy, the precursor of Davidson College, and the Charlotte Female Academy, the precursor of the Charlotte Female Institute.

Since 1930, when Queens merged with Chicora College of Columbia, South Carolina, it has been related to the Presbyterian Synods of North Carolina and South Carolina. Each synod supports the college and elects a portion of its Board

of Trustees. The board, composed of business, professional, and religious leaders from the two Carolinas and beyond, holds title to the college and is responsible for Queens' total program.

Presidents

Robert Burwell
1857-1872
Robert Hett Chapman
1872-1875
Stephen Taylor Martin
1875-1878
William Robert Atkinson
1878-1891
Lily W. Long
1891-1899
James R. Bridges
1899-1911
John Livy Caldwell
1911-1916
James R. Bridges
Acting, 1916-1917
Henry Clay Evans
1917-1918
William Anderson
Acting, 1918-1921
William Henry Frazer
1921-1939
Hunter Bryson Blakely
1939-1950
McAlister Carson
Acting, 1950-1951
Charlton Coney Jernigan
1951-1953
Herschel Hill Everett
Acting, 1953-1954
Edwin Ruthven Walker
1954-1965
Edwin Ruthven Walker
Acting, 1965-1967
John Edwin Smylie
1967-

Purpose

As a church-related, liberal arts, woman's college located in a growing metropolitan community, Queens offers unique educational opportunities.

Queens understands the liberally educated person to be one who possesses the skills of learning, thought, communication, and judgment; seeks the rewards of self-discipline in a free society; and is engaged in a life-long pursuit of personal, social, cultural, and religious goals.

The Queens program seeks to develop these skills in a free educational and social context which supports personal discipline within a community characterized by scholarship and public service. The flexible course of study requires each student to develop a personal program to fulfill her aspirations, while at the same time assuring her contact with the major

areas of the liberal arts curriculum, and requiring knowledge of one area in sufficient depth to provide confidence in its methods and literature. The baccalaureate degree recognizes the accomplishments of collegiate study, but it also distinguishes its holder as one of whom much is expected.

By pursuing its historic role, Queens serves the need of American higher education for specialized colleges which meet varied student preferences, particularly in the preparation of women for the full opportunities open to them in American society. Its students enjoy the benefits inherent in a college where opportunities for scholarship and leadership training are concentrated upon women. Queens' academic and co-curricular programs seek to develop the potential abilities of each student, not merely for her personal satisfaction but also for the benefit of society.

Queens claims a religious tradition which supports free scholarship and the development of the human intellect as necessary and essential religious obligations. It fosters Christian ideals by providing voluntary programs for worship, service, and nurture. It seeks students from diverse religious backgrounds and encourages voluntary personal religious commitment and responsible participation in denominational life.

Queens is located in a growing metropolitan community in which the college and the city enrich and serve each other. Charlotte's educational and cultural wealth multiplies the human and physical resources available to Queens students, and the city furnishes a ready-made laboratory for social sciences and public service. Its growing needs challenge Queens to assist in resolving significant urban problems.

Cooperative Programs

While stressing its unique purposes, Queens participates in several inter-institutional associations which enlarge and diversify the opportunities available to its students.

Through the Charlotte Area Educational Consortium, composed of nine public and private institutions, Queens engages in student and faculty exchange programs which permit maximum use of the community's educational resources.

As a member of the North Carolina Educational Computing Service, Queens provides its students and faculty with the computer resources of the Triangle Universities Computer Center by direct teletype connection.

The Piedmont University Center, with which Queens is affiliated, coordinates the activities of twenty colleges and universities in North Carolina in providing visiting scholars, support for faculty research, and audio-visual resources.

THE CAMPUS

Queens College is located on a large wooded campus in the Myers Park area of Charlotte and is bounded by Selwyn, Radcliffe, and Wellesley Avenues. The Georgian buildings constructed in 1914 when the college was moved to this site have been extensively remodeled and continue in use. Their architectural motif of red brick with white trim has been incorporated in the more modern buildings.

Burwell Hall Burwell Hall, 1914, is the focal point of the campus facing Selwyn Avenue. The building, in addition to housing the administrative offices, has parlors which serve as a spacious reception area for guests and social events. Robert Burwell served as president of the Charlotte Female Institute from 1857 to 1872; and his wife, Margaret Anna Burwell, was teacher and principal.

Everett Library Everett Library, 1960, is the center of the campus facing Radcliffe Avenue. It honors Herschel Hill Everett and his wife, Cornelia Nisbet Everett. Mr. Everett, a trustee, has served as acting president, 1953-1954; and chairman of the board, 1952-1967. The library houses the present collection of 65,000 volumes and has a potential capacity for 200,000. It is an open stack library with conference rooms, lounges, student and faculty carrels, and microfilm equipment. The large mosaic tile mural on the facade depicts the areas of knowledge available within the liberal arts college.

Belk Chapel Belk Chapel, 1950, was a gift made to Queens by the families and associates of William Henry Belk and Dr. John M. Belk, in their honor. Greek revival in architecture, it is equipped with a 39 rank organ, seats 750, and is used for weekly chapel services.

E. H. Little Fine Arts Center The E. H. Little Fine Arts Center, 1966, contains the Suzanne Trezevant Little Recital Hall, the Charles A. Dana Auditorium, studios, practice rooms, and classrooms for music and drama. Convocations, concerts, recitals, plays, and lectures

are scheduled in the auditorium, which seats 1,000. Major donors of this facility were E. H. Little and Charles A. Dana.

Dana Classroom Building The Dana Classroom Building, 1961, honors Charles A. Dana, a generous benefactor of Queens College, and contains a large lecture hall, a language laboratory, classrooms, and seminar offices designed for small, informal classes.

Walker Science Building The Walker Science Building, 1966, with its laboratories, classrooms, and research facilities for biology, chemistry, and physics, honors Dr. and Mrs. Edwin R. Walker. He is Queens' former president and chancellor.

McEwen Hall McEwen Hall, 1914, was renovated in 1967 to provide 20 spacious classrooms and a number of faculty offices. It is named for Dr. Mildred Morse McEwen, alumna and a member of the Queens faculty since 1924.

Morrison Hall Morrison Hall, 1927, is named for its donor, Mrs. Cameron Morrison, and includes a large dining hall, kitchen, auxiliary rooms, and dormitory facilities.

Jernigan Student Center Jernigan Student Center, 1914, was completely renovated in 1963. It comprises the post office, bookstore, snack shop, lounges, and offices for student government and student publications. Charlton Coney Jernigan was president of Queens from 1951 to 1953.

Ovens Physical Education Building Ovens Physical Education Building, 1954, includes a large gymnasium, classrooms, a dance studio, and an Olympic-size swimming pool. David Ovens, business executive and merchant, was a Queens trustee and benefactor.

Carol Hall Carol Hall, 1957, was the gift of Irwin Belk, Queens trustee, and is named in honor of his wife, Carol Grotnes Belk. Located on Queens Road, this handsome private home was remodeled and now houses the art department and exhibition galleries.

Tillett, Blair, Stultz Buildings Three other academic buildings are called Tillett, Blair, and Stultz. They are respectively named for Miss Laura A. Tillett, emeritus professor of English; Dr. Elizabeth H. Blair,

former dean of instruction; and Mr. and Mrs. W. Z. Stultz, donors.

Irwin-McKay Infirmary

The Irwin-McKay Infirmary, 1958, was the gift of Thomas M. Belk and his wife, Katherine McKay Belk, honoring Dr. John R. Irwin, Dr. Hamilton W. McKay, and Dr. Henderson Irwin. It provides 12 hospital beds, rooms for consultations and treatment, and quarters for resident nurses.

Residence Halls

Queens' residence halls provide for 800 students and for resident counselors.

Long and Watkins, 1914, house 72 students each, and are named for Miss Lily W. Long, who served the college for half a century and was herself president from 1891 to 1899; and for Miss Mildred C. Watkins, member of the faculty from 1895 to 1909.

Belk, 1954, (88 students), honors the late Mrs. William Henry Belk, alumna, trustee, and benefactor; it was a gift to Queens from Mrs. Belk's children.

Harris, 1960, (140 students), honors James J. Harris, vice-chairman of the Board of Trustees, and his wife, Angelia Morrison Harris.

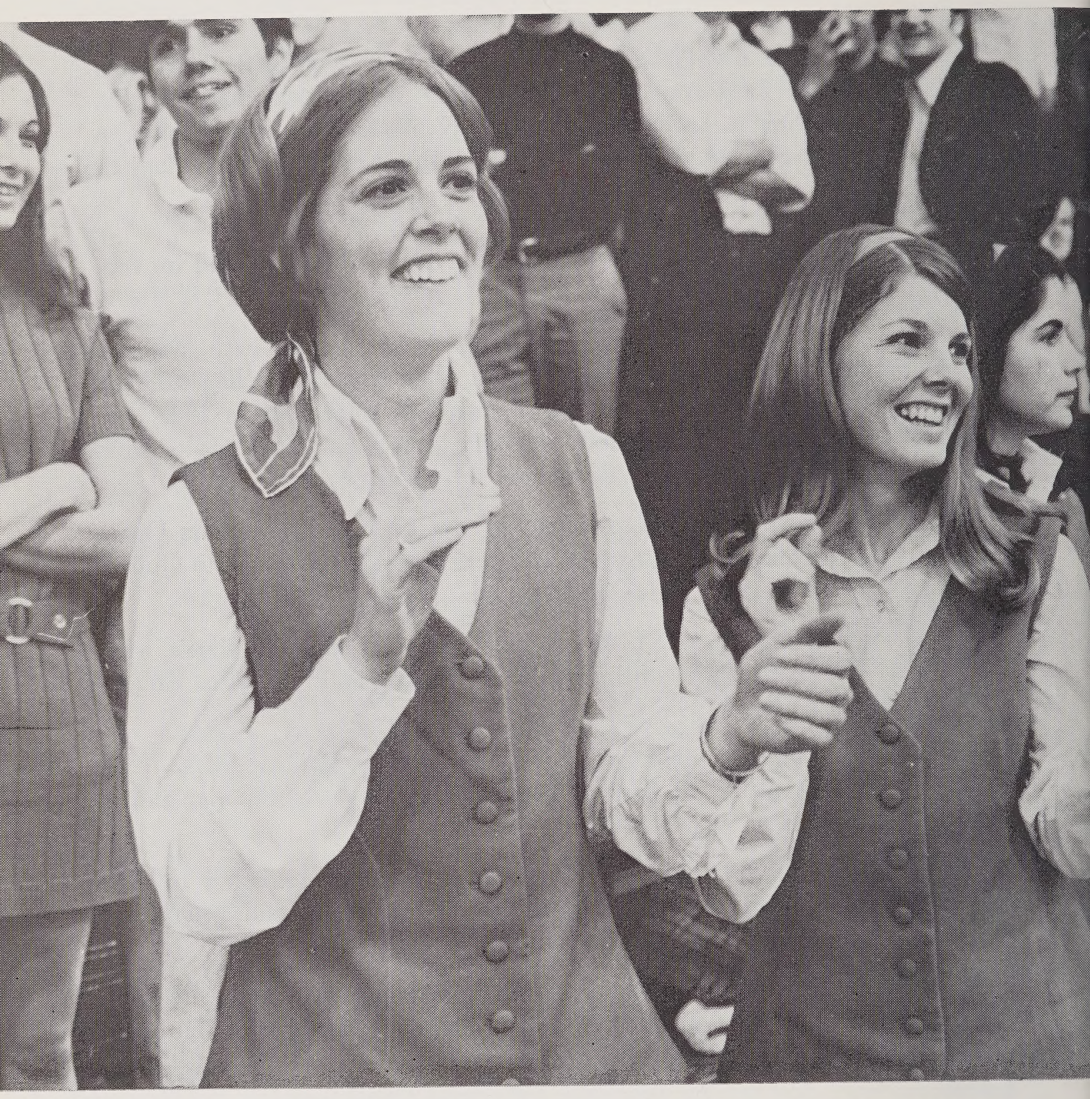
Wallace, 1962, (108 students), honors Mr. and Mrs. J. M. Wallace and family. Mrs. Wallace was an alumna, and J. Mason Wallace, Jr., is a college trustee.

Albright, 1964, (142 students), is named in honor of Miss Thelma Albright, formerly dean of students, and a long time faculty member at Queens.

Barnhardt, 1965, (142 students), honors Mr. and Mrs. William H. Barnhardt; Mr. Barnhardt is a member of the Board of Trustees.

Other Buildings

The campus includes three duplex lodges for sororities, a continuing education building, a power plant, and maintenance shops. Several college residences are adjacent to the campus.



STUDENT LIFE

Queens College is aware that a major part of a student's education takes place outside the classroom in day-to-day living experiences and campus activities. Through group participation and interaction the student comes to know herself as an individual, to realize her potential, and to be a creative member of the college community. To stimulate this process the college seeks a diversified student body representing varied religious, racial, economic, and geographic backgrounds, academic ability, and interests. It also encourages student initiative and responsibility through student government, the honor system, organizations, and activities, and social and special events.

Student Government

Queens considers experience in self-government essential to the development of student freedom and responsibility. The stated purpose of the Student Government Association is: to foster self-government, to administer rules of government, to enact legislation governing student life, and to carry out the program of student activities.

Every student is a member of the Student Government Association and is expected to uphold the regulations and standards of this governing body.

Honor System

Each Queens student commits herself to responsible membership in a community which places high value on mutual trust and honor. The Honor System provides the basis for all college regulations. Its three fundamental principles are: that a student shall be truthful; shall respect the property of others; and be honest on tests, examinations, term papers, and all work assigned by teachers.

Religious Life

Queens College is related to the Presbyterian Church in the United States and seeks to develop a sense of religious concern as a vital part of personal growth. There are weekly chapel services; vesper programs; dormitory devotions; and lectures in theology. Queens Christian Association sponsors

Faculty Firesides and a coffeehouse which afford students and faculty an opportunity to discuss informally vital issues.

Social Life

Queens students enjoy a well-balanced social life. The Student Government Association, the Recreation Association, and the sororities plan numerous campus activities including weekend events, sports competitions, dances, and special occasions arranged with nearby colleges for men.

The location of the college allows students to share the learning resources and cultural advantages of a metropolitan area. Through special arrangements with local organizations, students attend symphony concerts, operas, and dramatic presentations as a part of their college program. The geographic location of the college also places both the beaches and the mountain ski slopes within easy access to the Queens students.

Honors and Awards

Students who exhibit outstanding qualities of leadership and scholarship receive recognition through a number of honors and special awards. In addition to membership in the campus honorary organizations, there are the special scholastic honors of Dean's List, Commencement Marshals, and graduation with honors. Each year approximately 15 seniors are named to *Who's Who Among Students in American Universities and Colleges*. One member of each graduating class receives the Algernon Sydney Sullivan Award in recognition of her service to others. Numerous campus groups give awards at the annual Awards Day convocation.

Lectures, Concerts, and Special Events

Lectures, concerts, recitals, films, exhibits, and special events enrich the program at Queens. The Public Events Committee schedules a balanced series of lectures and visiting artists each semester. Guest speakers often spend several days on campus for formal lectures, class visits, and informal meetings with students. Faculty recitals are a part of the music program of the college.

Traditional events such as the Boar's Head Christmas Dinner, the Yule Log Ceremony, Parents Weekend, Dolphin Club Water Show, and May Day highlight the year.

Programs sponsored by off-campus groups are frequently scheduled at Queens and are open to students.

Guest Lecturers 1969-70

William Stringfellow, lay theologian, attorney, and author

Daniel Chapman Nyaho, Ghana's first ambassador to the United Nations; Danforth lecturer

B. F. Skinner, professor of psychology, Harvard University

Daniel P. Moynihan, Assistant to President Nixon

Ernest F. Hollings, United States senator from the state of South Carolina

Harry Golden, author and lecturer

Alan Watts, philosopher and author

Ralph E. Lapp, nuclear physicist and author

Ian L. McHarg, professor of landscape architecture and regional planning, University of Pennsylvania

John McLaughlin, oceanographer; Danforth lecturer

Arthur S. Link, professor of history, Princeton University; biographer of Woodrow Wilson

Julius Herford, professor of music, Indiana University

Louis Rubin, Piedmont University Center lecturer; professor at University of North Carolina at Chapel Hill

Visiting Artists 1969-70

Stecher and Horowitz, duo pianists

The Preservation Hall Jazz Band, players of New Orleans pre-Dixieland jazz

Maria Alba Spanish Dancers

Cello and Cordovox Recital, Martha Gerschefski and Ann McCall

Claremont String Quartet, artists-in-residence, North Carolina School of the Arts

Pomponio and Zarate, duo-guitarists

Birgit Finnila, contralto

Simonel Trio, artists-in-residence, North Carolina School of the Arts

2

THE ACADEMIC PROGRAM

ADMISSIONS

Queens seeks students from differing cultural, economic, racial, religious, and geographical backgrounds, and encourages qualified high school graduates to apply for admission. In evaluating an application, the Committee on Student Qualifications considers the quality and amount of college preparatory work, test scores, recommendations concerning the applicant's character and personality, and the student's own stated objectives.

Admissions counselors visit many secondary schools during the year and are often available for conferences with prospective students and their parents.

Alumnae admissions representatives are prepared to talk with students in their geographic areas.

Subject Preparation

Students expecting to attend Queens College should take a strong academic high school program leading to a secondary school diploma and including 16 units of college preparatory subjects. Well-qualified students with fewer than 16 academic units are given consideration.

The college requires for admission: English (4 units), algebra (2 units), and geometry (1 unit). Other academic courses should be selected from the natural sciences, foreign languages, history, and additional courses in mathematics or literature. Queens prefers that the applicant take as many years of one foreign language as her school offers.

Admissions Plans

Applications may be submitted under the Early Decision Plan (due November 1) or the Regular Decision Plan (due no later than March 1). For the well qualified student, the Early Decision Plan reduces the necessity of filing multiple applications for admission; it also lessens the anxiety regarding acceptance by the college of her first choice.

Test Requirements

Queens requires all applicants to take the Scholastic Aptitude Test (SAT) and the English Composition Achievement Test during their senior year in high school, unless they apply under the Early Decision Plan, in which case junior year scores will be accepted. Applicants under the Early Decision Plan will be considered without an English Composition Achievement score but will be required to submit their score prior to matriculation if admission is offered. It is recommended that all applicants also take a foreign language achievement test and one other achievement test in an area of their choice. The results of these additional achievement tests will be used for purposes of academic advising and placement after the student is offered admission and arrives on the campus. Applicants wishing to take these tests should register with the College Entrance Examination Board one month before the announced examination date. Further information may be obtained from high school counselors or principals or the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540; or Box 1025, Berkeley, California 94701.

Entrance Procedures

These procedures are to be followed by all students applying for admission:

1. An application for admission may be obtained from the admissions office or from an admissions counselor. The applicant should read carefully the directions and complete and return the appropriate section of the application. The completed section of the application and a non-refundable $15 fee in the case of Regular Decision should be returned to the college in the fall of the applicant's senior year of high school and no later than March 1 of the year of expected entrance. Applicants under the Early Decision Plan agree to apply only to Queens College until a decision has been rendered. The application deadline for early decision (for which there is no application fee) is November 1, prior to the year of expected entrance. An applicant desiring scholarship or loan assistance should indicate her need when applying. Further details regarding financial aid are explained in this catalogue in the section on financial information.

2. The applicant should request the College Entrance Examination Board to send the results of her tests to Queens College.

3. The Committee on Student Qualifications will review each applicant's credentials, and a decision will be rendered by December 1 in the case of early decision, and by April 15 in the case of regular decision. If a specific early decision of acceptance or rejection is not made by December 1, the college agrees to notify the candidate that her application will be guaranteed unbiased consideration under Queens College's Regular Admission Plan and agrees to free the candidate to apply to other colleges.

4. Following notification of acceptance, the applicant is required to make an initial deposit of $150 ($50 for commuting students) to reserve a place in the entering class. This deposit should be sent to the college as soon as possible and no later than December 15 (Early Decision) or May 1 (Regular Decision). The deposit is credited to the total fees for the year and is non-refundable.

5. Honor Code, Housing and Health forms, which should be completed and returned to the college, will be mailed to the applicant with the notification of acceptance.

6. Enrollment at Queens College is contingent upon receipt of a satisfactory health report following notification of acceptance and the satisfactory continuation of the applicant's citizenship and academic work through the completion of the school year. Applicants undergoing psychiatric care or psychological counseling at time of matriculation will not be permitted to enroll at Queens.

7. An applicant should promptly report any change of address, transfer to another secondary school, or intention to withdraw her application.

8. Detailed information concerning rooms, orientation, and the date of arrival on campus will be sent during the summer, prior to entrance.

Campus Visits

Although a personal interview is not required, Queens encourages the prospective student and her parents to visit the campus. The admissions office is open Monday through Friday from 8:30 a.m. until 5:00 p.m. throughout the year, and on Saturdays from 9:00 a.m. until 12:00 noon from September through May. Candidates should write or phone (704-332-7121 Ext. 212) for an appointment.

Advanced Placement

Queens participates in the Advanced Placement program of the College Entrance Examination Board. A student may request advanced placement with college credit based on the completion of high school advanced placement courses and/or the Advanced Placement Examinations. An advanced placement score of four or five and a specific recommendation for college credit by the secondary school are required before the request will be considered.

Transfers from Other Colleges

Transfer applicants must have a good scholastic record in the college from which they wish to transfer and must present transcripts of all college work, credits earned in secondary schools, and a statement of good standing from the colleges attended. Credit will be transferred for those courses in which the student has made a grade of C or higher.

The transfer student should use the same entrance procedures as the first year student. These procedures are outlined earlier in this section.

Readmission of Former Students

A student who has withdrawn in good standing and who subsequently wishes to return to the college must apply for readmission. To do so she should write the director of admissions giving her reasons for wishing to return and submitting transcripts of all work undertaken at other institutions.

Additional information will be requested as needed. The Committee on Student Qualifications will consider the former student's request and notify her of its decision.

Special Student Status

The college admits as special students commuting students who are not candidates for a degree. In general, these students must meet the usual admission requirements. For specific details, applicants should confer with the director of admissions.

Teacher Certification

Persons with bachelor degrees seeking teacher certification are expected to complete at least 12 credits of work at Queens before registering for student teaching (Education 442, 444).

Orientation

Prior to fall registration there is an orientation program at which attendance is required of all new students. This program acquaints students with the academic and social phases of college life, and introduces them to the community in which they will live for four years. Freshmen meet their academic advisors, roommates, and upper-class student advisors and visit points of interest in the city of Charlotte.

DEGREE REQUIREMENTS

Degree Programs

Queens College offers two degree programs: the bachelor of arts and the bachelor of music. Areas of concentration for the bachelor of arts include art, biochemistry, biology, chemistry, economics, French, German, history, Latin-American studies, literature, mathematics, music, philosophy, political science, psychology, religion, Russian studies, sociology, and Spanish. Through elective courses the student can also qualify for teacher certification.

The bachelor of music degree offers concentration in applied music (piano, voice, organ, strings, or other instruments), in music education for teacher certification, and in piano pedagogy.

Degree Requirements

Required for graduation is a minimum of 120 semester hours in academic courses with a cumulative quality point average of 1.000 in all work taken at Queens College and in all work in the chosen field of concentration. Also required is a minimum of four credit hours in physical education. At least 42 semester hours must be in courses of the 300 level or higher. Every degree candidate must complete at least 30 hours of her academic program at Queens College, and must be in attendance at the college during the last two regular semesters prior to the date of her graduation.

Though the college makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

Educational Program

The educational program leading to a degree is composed of four interrelated parts: a field of concentration; a program of distributed requirements; a program of elective hours; and a program of physical education.

Field of Concentration

The purpose of a field of concentration is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable her to acquire knowledge,

skills, and attitudes which may help make her effective in her vocation. By the end of the sophomore year each student will select a field of concentration. For some fields it is best to begin work during the freshman year, while for others it is possible or recommended to start as a sophomore. For the pattern of concentration in each field, see the departmental listings.

Distributed Requirements

The distributed requirements, totaling 35 to 47 hours, assist the student in developing a program of study which will be widely representative of liberal arts studies. With few exceptions these courses may be taken at any time during the student's years of attendance.

Area		Semester Hours
I.	Concepts in Communication During the freshman year	8
*II.	French, German, Russian, Spanish, or other foreign language Basic proficiency in any one equivalent to 202 level	0 to 12
**III.	History, philosophy, religion From any two	6
IV.	Physics, chemistry, biology, mathematics From any three	9
V.	Economics, political science, psychology, sociology From any two	6
VI.	Art, music, literature (in English or in a foreign language) From any two	6

*Not required of candidates for the bachelor of music degree in music education.

**Candidates for the bachelor of music degree in music education must take six hours in history.

Bachelor of Arts

A major concentration for the bachelor of arts degree shall consist of no fewer than 30 semester hours; and no more than 40 hours in the major department shall be required for the concentration. A student may, however, at her own initiative take more than 40 hours in the department of her major. Specific requirements in areas of concentration are stated in each department heading in the course descriptions.

Bachelor of Music

In the bachelor of music program, the concentration consists of no less than 73 hours in music under the applied music concentration; no less than 70 hours in music under the piano pedagogy concentration; under the music education concentration at least 50 semester hours are in music and enough additional work in applied music to fulfill the requirements of both a major and a minor performance area. Specific details of these requirements are found in the department of music course listings.

Elective Hours

In consultation with her faculty advisor the student chooses elective hours to complete the hours required for graduation. Electives give an opportunity to explore new fields and to gain further breadth or more depth in non-major areas. They also afford an opportunity to study in fields which directly support the program of concentration.

Teacher Education

A teacher's certificate, either at the early childhood, intermediate, or secondary school level, may be secured with the bachelor of arts degree. Teacher certification is also possible under the bachelor of music program.

Physical Education

All candidates for the bachelor of arts and bachelor of music degrees must complete four credit hours in physical education with a grade of S (satisfactory). One credit hour is given for each semester of participation. These four courses must be taken by the end of the junior year.

Students requesting exemption from physical education activities for medical reasons must make such requests through the college physician. Chronic conditions which would warrant exemption are to be noted on the student's annual medical examination forms for review by the college physician.

ACADEMIC REGULATIONS

Registration

Students are expected to register for course work at the time specified each semester. Registration after the scheduled time subjects the student to a $15 fee. No registrations are permitted after the first week of classes.

A student may change her registration prior to the Friday of the first week of classes. Any change thereafter is considered a withdrawal. The class-change fee is $3 for each class dropped, as well as for each class added.

Semester Load

A semester hour represents one hour of recitation or lecture or two or more hours of laboratory or studio per week for one semester.

The normal student load for freshmen is from 13 to 17 semester hours. Some entering students may find it advisable to take fewer hours during the first year and should consult their advisors.

The normal student load for upperclassmen is 15 semester hours. Under certain circumstances the dean of the college may allow a program of as few as 12 hours. Any student wishing to take more than the 17 hour maximum must obtain permission from the dean of the college.

Grades and Quality Points

Graduation requirements are based on both the quantity and quality of the student's work. Queens uses the following system of grades and quality-point value per semester hour:

Grade	Interpretation	Quality-Point Value
A	Superior	3
B	Good	2
C	Satisfactory	1
D	Poor	0
F	Failing	-1
WF	Withdrew Failing	-1
WP	Withdrew Passing	no effect on quality points
E	Conditional Failure	becomes D or F after reexamination
I	Incomplete Work	may become A to F upon completion

Grades in physical education are S (satisfactory) or U (unsatisfactory).

A grade of E or I automatically becomes F if the student fails to take or pass a reexamination or fails to make up incomplete work satisfactorily. These grades must be removed by the end of the first full week of regular classes of the next semester.

Grade reports are sent to parents or guardians at the end of each semester. Mid-semester reports are issued to indicate special difficulties in course work. Only semester grades are permanently recorded.

Pass/No Record

During the junior and senior years a student may enroll on an ungraded basis (Pass/No Record) in one course each semester. The course is selected at the time of registration. It must be outside the student's area of concentration and taken as an elective. The student is to meet all the regular requirements of the course. If the student passes the course, she receives credit for the regular number of semester hours with a grade of P (Pass). There is no effect on the quality point average. No notation is made on the student's permanent record if the course is not passed.

Class Standing

Students following a degree program and carrying the required semester load are granted class standing according to their semester hours and quality points.

	Minimum Semester Hours	Minimum Quality Points
Sophomore	24	18
Junior	54	48
Senior	90	84

Students who are non-resident and who are carrying fewer than 12 semester hours are ranked as *part-time.*

Non-resident students who have not advanced to the next class standing and who are carrying fewer than 12 semester hours are ranked as *special.*

Academic Standards

While Queens makes every effort to encourage students and to assist those in difficulty, it is unfair to the student and to the college to retain anyone who fails to make reasonable progress.

Eligibility to Continue

To remain at Queens a student must pass 18 semester hours of work during a session with a quality point average as follows: .500 to return the second year; .800 to return the third year; and .900 to return the fourth year. The Student Qualifications Committee reviews each case of academic difficulty and determines the student's eligibility status.

Probation

A student who does not maintain a satisfactory scholastic standing may be placed on academic probation. If she does not show improvement and fails to meet the scholastic standard, she may be asked to withdraw from the college.

Eligibility to Represent the College

Students who maintain a quality point average of 1.000 or more the preceding semester are eligible to represent the college in off-campus extracurricular activities and to hold campus offices during the current semester.

Eligibility is also dependent upon fulfillment of attendance requirements. Students on probation are not eligible to represent the college. A student whose cumulative quality point average is below 1.000 may be excepted from probation by the Student Qualifications Committee if she has achieved a quality point average of 1.500 or better for the previous semester.

Attendance Policies

Class attendance policies are set by the individual faculty member for his own courses. The faculty member announces the policy he intends to apply in each particular course. Attendance at all-college convocations and assemblies is required.

All candidates for degrees are required to be present for commencement and for the commencement rehearsal.

Examinations

The student's work is evaluated periodically. At the end of each semester, evaluations—normally by written examination—are made in all courses. Final written examinations are generally between two and three hours long. The schedule for final examinations is established by the registrar. Permission to change an examination schedule or to make up an examination must be granted by the dean of the college.

Withdrawal from a Course

A student must obtain permission from the dean of the college to discontinue a course. If she withdraws following the first class after mid-term, she will receive an F in the course. Prior to this time she may receive a grade of WP (withdrawn passing) or WF (withdrawn failing), depending on her course average at withdrawal.

Withdrawal from College

A student wishing to withdraw from the college before the end of the semester must notify the dean of the college in order to maintain good standing. Grades are recorded WP if at the date of withdrawal the work has been passed. Such a mark does not affect quality points already earned. If the work has not been passing, a mark of WF is recorded and one quality point is deducted for each semester hour. If the student does not obtain permission to withdraw, all grades are recorded as F.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

Auditing Courses

A regular student carrying a load of 15 semester hours for credit and with a B average may, with the consent of the dean of the college and at the request of the instructor, audit a course. An auditor is expected to attend classes regularly.

Summer School Credits

Transfer to Queens College of credits earned in summer sessions at other accredited colleges or universities will be approved if the courses taken are comparable to courses offered at Queens. Responsibility for insuring that the courses are comparable rests with the student. Faculty advisors and the dean of the college are available for consultation on the planning of summer work.

Approved summer courses taken at other institutions and carrying a grade of C or higher may be counted toward the 120 semester hours required for graduation. In calculating a student's quality point average for graduation, only the semester hours and quality points earned at Queens are counted. All summer work in the field of concentration must be approved in advance by the department head or the dean of the college.

COURSES OF INSTRUCTION

Departmental Listing

Departmental listings give general information concerning each department and the requirements for concentration in that department. These requirements should be carefully noted by students when deciding on an area of concentration.

Course Numbers

Course numbers indicate the level of difficulty of the course. Courses numbered 100-299 are primarily for freshmen and sophomores; those numbered 300-499 are primarily for juniors and seniors.

Courses at the 100 level are ordinarily not open to seniors.

Hyphenated numbers (e. g. 101-102) designate two-term courses for which credit is not granted until the second term has been completed.

Double numbers separated by a comma (e. g. 301, 302) indicate that the completion of both courses forms a desirable unit but credit may be received for one without the other. Occasionally the first course is a prerequisite to the second.

Semester Hours Credit

Semester hours of credit are noted with the course description. Unless otherwise indicated, a course carrying three semester hours of credit meets for three 50-minute periods (or for two 70-minute periods) per week; a course carrying two semester hours of credit meets for two 50-minute periods per week.

ART

Professor George A. Shealy; Associate Professor McClanahan; Assistant Professor Adams; Assistant Professor Gebhardt; Assistant Professor Griffiss; Assistant Professor Thomas F. Mason.

The art department presents a comprehensive survey of the historical development of the visual arts and a variety of studio problems to develop the abilities of its students. Courses are designed to assist in the evolvement of standards of appreciation and of application of the plastic arts to promote professional competence and intellectual growth. The curriculum provides a fundamental basis for teaching, graduate study, or careers in art.

Concentration Art 105, 106, 211, 212, 231, 232, 303, 460 and at least nine semester hours from courses numbered 300 and above, as approved by the major advisor.

Distributed Requirements The following courses will meet the distributed requirements, Area VI: Art 100, 211, 212, 307, 308.

100 INTRODUCTION TO ART (3)

Exploration of the expressive means employed by the painter, sculptor, and architect to develop an appreciative attitude and a critical approach to art.

MISS GRIFFISS Both Semesters

105, 106 ART STRUCTURE (3, 3)

Instruction in beginning drawing in various media; special emphasis on techniques and basic elements of composition.

MR. MCCLANAHAN 105 First Semester
106 Second Semester

Studio Fee: $15
Six hours studio a week

211 ANCIENT AND MEDIEVAL ART (3)

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and Euro-

pean countries from pre-historic times to approximately 1400 A.D.

Dr. Adams First Semester

212 Renaissance Art to the Present Time (3)

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1400 to the present day.

Dr. Adams Second Semester

Prerequisite: Art 211 or permission of the instructor

213 Methods in Art Education (2)

Exploration of drawing, design, color, and materials and their application to problems in art for elementary or secondary school pupils.

Mr. Mason Both Semesters

Studio Fee: $15 per semester
Four hours studio a week
Prerequisite: Art 100

223 Ceramics (3)

Basic technique study of hand-constructed clay forms, glaze making, and application.

Mr. Mason Both Semesters

Studio Fee: $15
Six hours studio a week

231, 232 Design and Composition (3, 3)

Studies in the expressive meaning and organization of line, shape, form, and color in two and three dimensional problems.

Mr. Shealy 231 First Semester
232 Second Semester

Studio Fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

300 Principles of Art Education (2)

Exploration of historical and contemporary approaches to art education, with classroom observation in local schools.

Miss Griffiss First Semester

302 PAINTING (3)

Studies in basic structure and color, with emphasis on pictorial elements interpreted through painting media.

MR. MCCLANAHAN Both Semesters
Studio fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

303 DRAWING I (3)

Use of a variety of graphic media as the student explores the nature of form, with major emphasis on the figure and its underlying structure.

MR. SHEALY First Semester
Studio fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

304 DRAWING II (3)

Work in figure, landscape, and still life; special emphasis on the expressive and imaginative use of various graphic media.

MR. SHEALY
Studio fee: $15
Six hours studio a week
Prerequisite: Art 303
Offered 1971-72

305 EUROPEAN ART (3)

European painting, sculpture, architecture, artifacts, and jewelry observed during the Queens European Program. Many class sessions in Vienna museums.

Class session in Vienna, five weeks Summer
Offered only in the Queens European Program, The Institute of European Studies

307 ART IN THE UNITED STATES (3)

Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplementing courses in American social and political history.

MISS GRIFFISS
Alternate years; offered 1971-72

308 ART OF PRE-COLUMBIAN AMERICA (3)

Survey of the history and arts of Meso-America, Andean, and

interlying areas before the coming of the Spaniards and an inquiry into the aesthetics of Pre-Columbian art.

Miss Griffiss — Second Semester
Alternate years; offered 1970-71

314 Sculpture (3)
Fundamental studies in the creative organization of space and mass; the technical problems of modeling, casting, and carving.

Mr. Mason — First Semester
Studio fee: $15
Six hours studio a week
Prerequisite: Art 105, 106

315 Advanced Sculpture (3)
Advanced studies in form and methods relating to the design and construction of three dimensional objects.

Mr. Mason — Second Semester
Studio fee: $15
Six hours studio a week
Prerequisite: Art 314

324 Pottery (3)
Advanced individual development of clay forming, glaze computation, and firing methods.

Mr. Mason — Both Semesters
Studio fee: $15
Six hours studio a week
Prerequisite: Art 223

401, 402 Advanced Painting (3, 3)
Advanced study with an emphasis on the individual development and experimentation in a chosen painting medium.

Mr. McClanahan — 401 Both Semesters
Studio fee: $15
Six hours studio a week
Prerequisite: Art 302

405 Nineteenth Century Painting (3)
Study and analysis of painting from the time of David through the Post-Impressionists and resulting influence upon the development of art in the 20th century.

Miss Griffiss — First Semester
Prerequisite: Art 211 or 212 or permission of the instructor

406 TWENTIETH CENTURY PAINTING (3)

Historical study of international artistic expressions of the 20th century and discussions of trends and aesthetics of contemporary art.

MISS GRIFFISS Second Semester

Prerequisite: Art 211 or 212 or permission of the instructor

425 VISUAL COMMUNICATION: LETTER FORMS (3)

An exploration of the development of letter forms in writing and type faces, with emphasis on calligraphic style, clarity, and beauty.

MR. SHEALY

Studio fee: $10
Six hours studio a week
Prerequisite: Art 231, 232
Offered 1971-72

426 VISUAL COMMUNICATION:

DESIGN IN ADVERTISING AND PUBLISHING (3)

Problems in visualization and design of various forms common to advertising and publishing.

MR. SHEALY Second Semester

Studio fee: $15
Six hours studio a week
Prerequisite: Art 425

450 PROBLEMS IN ART (3)

Advanced work in specialized areas of art for students with unusual talent and scholarship. No student may take work in more than two areas.

STAFF Both Semesters

Studio fee: to be determined by project
Admission by permission of department head and instructor

460 ART SEMINAR (1)

A course designed to help the senior student bring together and define her own ideas on art through individual problems and group discussions.

STAFF Second Semester

Prerequisite: Senior major status

BIOLOGY

Professor Fehon; Assistant Professor Coffey; Assistant Professor Martin.

To serve the needs of the liberal arts student the department offers introductory work in biology with a contemporary molecular emphasis relating the field to the physical sciences and other disciplines. Concentration in biology provides basic preparation leading to work in research and medical laboratories, government positions, related businesses, teaching, and graduate study in biology or medicine.

A unique program in marine science is offered each summer at Pawleys Island, South Carolina.

Concentration Twenty-nine semester hours from biology courses numbered 200 and above as approved by major advisor. Students concentrating in biology are required to take eight semester hours of chemistry and Mathematics 102. Chemistry 403, 404 may be substituted for biology electives. Candidates for teaching certificates may substitute up to four semester hours of Education 442 for biology electives. Students concentrating in biology are advised to take physics, calculus, and organic chemistry. Chemistry 207 and 208 are recommended for those students planning careers in the medical sciences.

Distributed Requirements The requirement for Area IV is met with Biology 103.

Prerequisite Biology 103 is prerequisite to all other courses offered in the department.

103 Introduction to Biology (3)
Course to introduce the student to methods and philosophy of biological science and to acquaint the student with current problems in the field; emphasis on the ecological approach with special attention to man-created problems.
Dr. Coffey, Dr. Fehon, Dr. Martin Both Semesters
Two hours lecture and two hours laboratory a week

104 PLANT BIOLOGY (4)

Morphological survey of the plant kingdom; study of life cycles emphasizing evolutionary changes; consideration of economic aspects.

DR. COFFEY Second Semester

Three hours lecture and two hours laboratory a week

106 ANIMAL BIOLOGY (4)

Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; and evolution of animal life.

DR. MARTIN Second Semester

Three hours lecture and two hours laboratory a week

201 INVERTEBRATE ZOOLOGY (4)

Study of the invertebrate phyla; comparative anatomy and physiology; natural history; systematics and evolution. Laboratory includes physiological experiments and emphasizes marine forms.

DR. FEHON First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Biology 106

210 ECOLOGY (4)

Relationship of organisms to their environment; populations and communities; aquatic and terrestrial habitats; statistical methods. Laboratory includes both experimental and field studies.

DR. FEHON Second Semester

Six hours lecture and laboratory or field work a week
Prerequisite: Biology 104, 106
Alternate years; offered 1970-71

300 CELL BIOLOGY (4)

Study of cell structure and physiology. Laboratory emphasizes research methods including instruments and techniques used in studying cells.

DR. COFFEY First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: At least one year of college chemistry; Biology 104 and 106 recommended

301 Vertebrate Embryology (4)

Study of development with emphasis on vertebrates and a brief introduction to experimental embryology. Laboratory emphasizes amphibians and birds.

Dr. Martin Second Semester

Two hours lecture and four hours laboratory a week
Prerequisite: Biology 106
Alternate years; offered 1970-71

302 Comparative Vertebrate Anatomy (4)

Review of the evolutionary history of vertebrates with comparative study of their systems. Laboratory dissection of dogfish, mud puppy, and cat.

Dr. Fehon First Semester

Two hours lecture and four hours laboratory a week
Prerequisite: Biology 106
Alternate years; offered 1970-71

305 Plant Systematics (4)

Development of systems of classification; study of basic principles; practice in identification; collection and study of members of plant families represented in local flora.

Dr. Coffey

Three hours lecture and three hours laboratory a week
Prerequisite: Biology 104
Alternate years; offered 1971-72

306 Microbiology (4)

General survey of microorganisms with emphasis on morphology, metabolism, ecology, and taxonomy of bacteria. Laboratory includes independent studies.

Dr. Fehon Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Eight semester hours of chemistry

310 Marine Biology (4)

Introduction to oceanography and marine biology with emphasis on ecology and distribution and classification of local fauna and flora.

Dr. Fehon Summer

Four weeks, summer session only, at Pawleys Island, S. C.
Prerequisite: Biology 106; Biology 104 and 210 recommended

402 GENETICS (4)

Principles of heredity and variation in plants and animals.

DR. MARTIN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Mathematics 102

425 BIOLOGY OF PARASITISM (4)

Introduction to biological principles involved in parasitism of animals including man; host parasite relationships; ecology; structure and classification.

DR. MARTIN

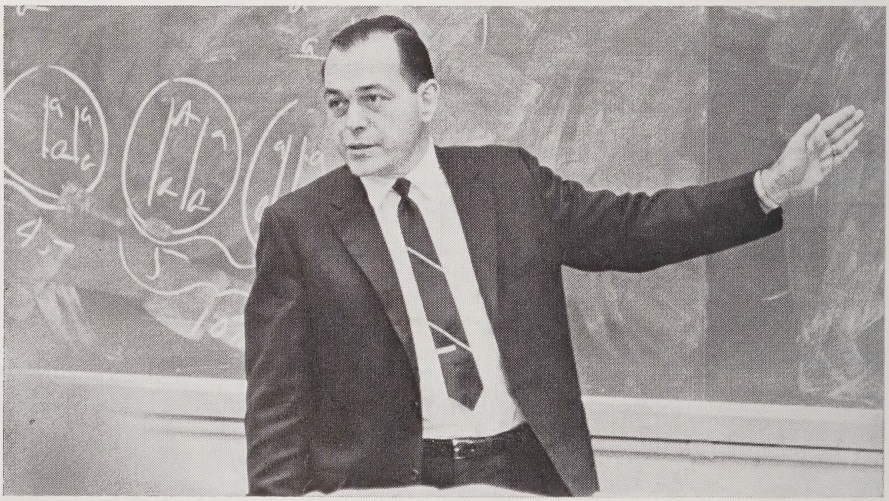
Three hours lecture and three hours laboratory a week
Prerequisite: Biology 201
Alternate years; offered 1971-72

450 INDEPENDENT STUDIES IN BIOLOGY (1 to 4)

Research projects in the area of the student's interest; written report and/or oral examination may be required; summer research in marine biology. May be taken more than once but total credits may not exceed six hours.

STAFF Both Semesters

Admission by permission of the instructor



CHEMISTRY

Professor McEwen; Professor Duncan; Professor Trimble.

The department offers two areas of concentration which give a background for graduate study, medical school, medical technology, or chemical laboratory work. Teacher certification may also be obtained. Laboratory equipment available makes it possible for students to receive individual instruction and experience with a variety of laboratory instruments.

Concentrations

Concentration in chemistry: Chemistry 100, 101, 207, 208, 303, 304, 307, 308, 403, and 404; mathematics through integral calculus; Physics 101, 102; German or Russian is advised.

Concentration in biological chemistry: Chemistry 100, 101, 207, 208, 303, 304, 403, 404; 12 semester hours approved biology courses above the 100 level; Physics 101, 102; Mathematics 102. Mathematics 201 is recommended.

Distributed Requirements

The requirement, Area IV, may be met by Chemistry 100; also 101 or 303 by permission of instructor.

100 General Chemistry I (3)

Introductory chemistry course designed for all students; emphasis on atomic and molecular structures and their implications in modern civilization. Laboratory work provides skills in laboratory techniques and quantitative measurements.

Dr. Duncan, Dr. McEwen, Dr. Trimble Both Semesters

Two hours lecture and three hours laboratory a week

101 General Chemistry II (5)

Introduction to inorganic chemistry. Laboratory work includes qualitative analysis and selected quantitative techniques.

Dr. Trimble Second Semester

Four hours lecture and three hours laboratory a week

207 Physical Chemistry (4)

Course for chemistry and biological chemistry majors with emphasis on gases, chemical kinetics, equilibria, and electrochemistry. Laboratory work is of a quantitative nature with emphasis on the newer instrumental techniques.

Dr. Trimble First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 100, 101

208 Instrumental Analysis I (4)

Introduction to instrumentation and instrumental analysis with emphasis on fundamental electronic units, instrument design and construction, and analytical application.

Dr. Duncan Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 207; Physics 101, 102 prerequisite or taken concurrently

303 Organic Chemistry I (4)

Introductory course including an integrated survey of the more important compounds of the aliphatic and aromatic series; emphasis on problems in organic synthesis. Laboratory work emphasizes procedures and preparations.

Dr. McEwen First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 100, 101

304 Organic Chemistry II (4)

Theoretical course treating the mechanisms of organic reactions in terms of modern structural theories. Laboratory work includes organic qualitative analysis, an introduction to the chemical literature, and independent work.

Dr. Trimble Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 303

307 INSTRUMENTAL ANALYSIS II (4)

Second course in instrumental analysis with emphasis on analytical methodology.

DR. DUNCAN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 208

308 PHYSICAL CHEMISTRY II (4)

Study of thermodynamics, solid and liquid states, quantum and structural chemistry. Laboratory work stresses precise physical measurement and application of the principles studied in previous courses.

DR. TRIMBLE Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 307

403 BIOCHEMISTRY I (4)

Review of certain chemical principles dealing with solutions with emphasis on pH; study of the chemistry of carbohydrates, lipids, and proteins. Laboratory work is quantitative in nature.

DR. MCEWEN Second Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 100, 101, 207, 303

404 BIOCHEMISTRY II (4)

Emphasis is on enzymes and on metabolism. Laboratory work is quantitative in nature and introduces modern biochemical methods.

DR. DUNCAN First Semester

Three hours lecture and three hours laboratory a week
Prerequisite: Chemistry 403

450 DIRECTED INDIVIDUAL STUDIES (2, 3, or 4)

Individual research conducted by the student.

STAFF Both Semesters

Open to advanced students by permission of the instructor

ECONOMICS

Professor Elliott; Associate Professor Brewer; Associate Professor DeFelice.

Courses offered in this department provide opportunity for the study of the principles that govern economic systems, in theory and practice. Concentration in economics may lead to careers in banking, commerce, industry, and government or to graduate study in economics, business, and law.

Concentration Economics 203, 204, 323, 324, 351, 412, 450, nine semester hours from among Economics 352, 421, 422, 423, 425, 426, and six semester hours of mathematics, including 206.

Distributed Requirements The requirement, Area V, may be met by Economics 101, 203, or 204.

101 American Economic Development (3)
Introduction to the study of economics, in the context of a survey of the economic development of the United States.
Mr. Brewer Both Semesters
Open to freshmen only

203 Principles of Economics I (3)
Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization.
Mr. Brewer, Dr. Elliott Both Semesters

204 Principles of Economics II (3)
Survey of economic principles dealing with specific components of the economy and their application to economic problems; basic supply and demand theory; the theory of production; income distribution; agriculture; government regulation of business; labor organizations; international trade.
Dr. Elliott Second Semester
It is suggested that Economics 203 and 204 be taken in sequence.

305 Personal and Family Economics (3)

Study of the management of personal and family financial affairs; open to juniors and seniors only. (Does not fulfill Distributed Requirements, Group V.)

Mr. Brewer Both Semesters
Open to juniors and seniors only

323 Price Theory (3)

Intermediate microeconomic theory: intensive study of the behavior of the consumer and the firm, analyses of production and distribution, and the relationships of prices and resource allocation to market structures.

Dr. Elliott

Prerequisite: Economics 203, 204
Alternate years; offered 1971-72

324 National Income Theory (3)

Intermediate macroeconomic theory: comprehensive study of aggregate economic analysis, the theory and the measurement of national income and employment.

Dr. DeFelice

Prerequisite: Economics 203, 204
Alternate years; offered 1971-72

351 Money and Banking (3)

Study of the fundamental principles and practices of the money and credit systems of the United States: financial institutions; commercial banking; the Federal Reserve System; monetary theories and policy.

Dr. DeFelice

Prerequisite: Economics 203
Alternate years; offered 1971-72

352 Business Finance (3)

Nature of business finance, corporate and non-corporate, and its relation to economics, accounting, and law: capital, capitalization, working capital; financial planning, initial financing, refinancing, and expansion; internal and external financial affairs of business firms.

Dr. DeFelice Second Semester

Prerequisite: Economics 203, 204
Alternate years; offered 1970-71

412 History of Economic Thought (3)

Study of the major philosophers and schools of economic thought related to the economic, political, and social institutions of their times: the medieval, mercantilist, physiocrat, classical, Marxist, historical neo-classical, institutionalist, Keynesian, and post-Keynesian schools.

Dr. Elliott First Semester

Prerequisite: Six hours of economics, or one course each in economics, history, and political science

421 Public Finance (3)

Analysis of the impact of federal, state, and local government taxation, expenditures, budgeting, and debt management on the allocation of resources, the distribution of income, and the stabilization of national income and employment.

Staff Second Semester

Prerequisite: Six hours of economics including Economics 203, or Economics 203 and six hours of political science
Alternate years; offered 1970-71

422 International Economics (3)

Study of international trade and finance: regional specialization; national commercial policies; international investments, balance of payments; foreign exchange; foreign aid policies; international agreements on tariffs and trade.

Staff

Prerequisite: Economics 203, 351, or permission of the instructor
Alternate years; offered 1971-72

423 Labor Economics (3)

History, theory, and practices of the American labor movement; study of labor organizations as economic and social institutions, including a survey of the principles and problems of union-management relationships encountered in collective bargaining and in public policies toward labor.

Dr. Elliott Second Semester

Prerequisite: Three hours of economics or six hours in history and political science

425 GOVERNMENT AND BUSINESS (3)

Study of government regulation and operation of business enterprise: the historical, political, economic, and legal aspects of government aid to, regulation of, and competition with private business enterprise.

DR. DEFELICE First Semester

Prerequisite: Three hours of economics or six hours in history and political science

Alternate years; offered 1970-71

426 COMPARATIVE ECONOMIC SYSTEMS (3)

Comparative study of alternative economic systems including capitalism, fascism, socialism, communism, and their variants, with particular emphasis on the United States, Great Britain, and the Soviet Union.

DR. ELLIOTT First Semester

Prerequisite: Six hours in economics and political science

Alternate years; offered 1970-71

450 SEMINAR IN CURRENT ECONOMIC ISSUES (3)

Senior seminar preparing economics majors for professional roles and graduate study: research methods, materials, and practice; written and oral presentations of current economic issues.

DR. ELLIOTT Second Semester

Prerequisite: Senior standing, and either 12 semester hours of advanced economics courses or permission of the instructor

EDUCATION

Professor Medlin; Associate Professor E. H. Mason, Jr.; Assistant Professor Smith.

Teacher certification may be obtained as a part of the student's regular four-year program. Course work is designed to meet requirements in North Carolina and some other states. Students planning to teach in a state other than North Carolina should obtain a copy of the requirements of that state and plan a program to meet those requirements. In its preparation of future teachers, the department combines contemporary knowledge with classroom theory and with experience in public school teaching.

Certification is possible in early childhood education (grades K-3); intermediate (grades 4-9); in secondary-level teaching (grades 7-12) in English, French, German, Spanish, mathematics, science (or biology, chemistry, or physics), and the social studies areas; and in the special subject areas (grades 1-12) in art, Bible, and music.

All students seeking certification are required to have a concentration in an academic area and to meet all requirements for graduation. Depending upon teaching level, one or two semesters of course work in education will be necessary. Students in the early childhood program may choose any area of concentration offered and fulfill certification requirements at the same time.

Early planning for certification is advisable. For specific requirements in teaching fields, students should consult the special departmental bulletins on teacher education.

202 Educational Psychology (3)

Study of those principles of psychology which can be applied directly to the classroom; emphasis on psychological testing, behavior deviations, and principles of learning.

Dr. Shealy Second Semester

Prerequisite: Psychology 201

305 Children's Literature (3)

Course to help students integrate knowledge of children and books; includes evaluating types of literature and planning ways of using books in elementary school.

Miss Smith Both Semesters

311 Health Education in the Elementary School (2)

Study of role of the teacher in the school health program, her responsibilities in teaching of health and health of the pupil.

Staff Second Semester

312 Physical Education in the Elementary School (3)

Overall view of aspects of teaching physical education; its place in the school program; facilities, equipment, and safety procedures necessary for a successful program; skill progression and types of activities appropriate for elementary age groups.

Miss Pharr Both Semesters

Note: It is recommended that students preparing to teach in the elementary grades take folk and social dance as one of the four required hours in physical education.

332 Foundations of Education in the Public Schools (3)

Sociological, historical, and philosophical background, purposes, and concepts basic to public education, with emphasis on education of the child through junior high level. Participation in local schools at appropriate levels is required.

Dr. Mason First Semester

333 The Curriculum of Early Childhood Education (3)

Survey of the kinds and qualities of learning experiences uniquely characteristic of young children. Course gives rationale to the program of early childhood education in conjunction with the home, the school, and the community.

Dr. Mason Second Semester

341 Philosophy of Education (3)

Historical survey of education in Western civilization emphasizing philosophical and social foundations; presentation of educational philosophy in relation to issues facing the American high school today.

Dr. Mason Both Semesters

342 Principles of Secondary Education (3)

Study of the evolution of secondary education in the United States; analysis of the purposes, curricula patterns, school organization, and various roles of secondary teacher in relation to principles of secondary education.

Dr. Medlin Both Semesters

401 The Teaching of Reading and Other Language Arts (3)

Course includes materials and methods of instruction in the reading and language arts, based upon modern concepts of learning and child development. Consideration is given to research findings, the contributions of linguistics to language study, and ways of individualizing instruction.

Miss Smith Both Semesters

402 Methods and Materials of Instruction in the Elementary School (3)

Course to familiarize the student with materials, curriculum sequence, and teaching methodology in science, social studies, and mathematics in elementary school.

Miss Smith Both Semesters
Not offered after 1970-71

403 Methods and Materials of Teaching in Early Childhood Education (3)

Course includes materials and procedures that are unique to the early stages of academic learning in science, social studies, and mathematics (kindergarten-primary grades).

Miss Smith
Offered 1971-72

404 Methods and Materials of Instruction in the Intermediate Grades (3)

Course to familiarize the student with materials, curriculum sequence, and teaching methodology in the subject areas offered in grades 4-9.

Miss Smith
Offered 1971-72

417 Curriculum in Nursery-Kindergarten (2)

Study of nature of nursery-kindergarten age child and educative experiences and guidance appropriate to his individual needs and potentialities.

Miss Smith Summer

418 Methods and Material for Instruction in Nursery-Kindergarten (2)

Survey of methods and materials in relation to individual interests, aptitudes, and needs of nursery-kindergarten children; emphasis on literature, language development, perceptual training, social awareness, group living, beginning science, listening, and prewriting.

Miss Smith Summer

419 Organizing Programs in Nursery-Kindergarten (2)

Study of the essentials in the organization of a good program for children; records and reports; physical facilities and equipment; working with exceptional children; and role of parent.

Miss Smith Summer

442 Directed Teaching and Methods in Secondary Schools (8)

Study of methods of instruction and resource materials in each of the teaching fields during the first half of semester; last eight weeks of semester involve full-time observation and student teaching in selected junior and senior high schools.

Dr. Mason, Dr. Medlin Both Semesters

Student teaching fee: $40
Admission to course by recommendation of director of student teaching and major department

444 Observation and Student Teaching in the Elementary Grades (6)

Eight-week period of observation and student teaching in selected elementary schools.

Miss Smith Both Semesters

Student teaching fee: $40
Prerequisite: Recommendation of the director of student teaching and the major department Not offered after 1970-71

446 Student Teaching in Early Childhood Education (6)

Eight-week period of observation and student teaching in selected schools; seminars scheduled throughout the period.

Miss Smith

Student teaching fee $40

Prerequisite: Recommendation of the director of student teaching and the major department

Offered 1971-72

448 Student Teaching in the Intermediate Grades (6)

Eight-week period of observation and student teaching in selected elementary and junior high schools.

Miss Smith

Student teaching fee $40

Prerequisite: Recommendation of the director of student teaching and the major department

Offered 1971-72

450 Individual Studies in Education (3)

Programs of study for experienced classroom teachers, following their interests and needs, are planned with the help of the instructor. Persons interested in enrolling in Education 450 are urged to confer with the instructor in person or by letter prior to the beginning of the course so that individual study plans may be formulated.

Staff Offered when there is demand

Prerequisite: Classroom teaching experience; and permission of the instructor

GEOGRAPHY

Visiting Associate Professor Clay.

205 Fundamentals of Geography (3)

Both physical and social aspects of geography treated through study of the earth's surface and man's response to his physical environment with some emphasis on reading and interpreting maps and globes; designed primarily for elementary education certification requirements.

Dr. Clay First Semester

ENGLISH

Associate Professor Maxfield; Professor Newman; Assistant Professor Gatlin; *Assistant Professor Hadley; Assistant Professor Miscally; Assistant Professor Reynolds; Assistant Professor Tyson; Mrs. Crosthwaite; Mrs. Little; Mrs. Reeder.

Courses in the department include composition, literature, and speech and dramatic arts, with the concentration in literature. Students are encouraged to take courses in all three areas, but courses in composition and dramatic arts do not count toward a concentration. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

Study of literature and composition affords preparation for professional schools in law and teaching. In addition students concentrating in this department find their training applicable to editing, reportorial journalism, and many phases of creative writing. Students may also obtain teaching certificates through elective courses.

Concentration Literature 209; Literature 321-322; Literature 475; and at least 15 additional semester hours from literature courses numbered 300 and above, as approved by the major advisor.

Distributed Requirements English 101-102 is required of all students; in literature, Area VI, the requirement may be met by Literature 209, 217; or if taken in the foreign language department, any literature course numbered 300 or above.

*On leave of absence 1970-71.

ENGLISH COMPOSITION

101-102 CONCEPTS IN COMMUNICATION (4-4)

A course in reading and writing for all freshman students. In the reading laboratory students will consider problems of communication in all college disciplines. The writing laboratory will deal with student papers by means of student criticism.

STAFF — 101 First Semester, 102 Second Semester

305 AN INTRODUCTION TO JOURNALISTIC WRITING (3)

Study of newspaper methods and the techniques of news writing; practical experience in reporting.

MISS MISCALLY

Not offered in 1970-71

306 NEWS WRITING AND EDITING (3)

Continuation of Composition 305, designed to give more extensive training in news writing and to acquaint students with elementary problems of editing and make-up.

MISS MISCALLY

Prerequisite: English Composition 305
Not offered in 1970-71

307 ADVANCED COMPOSITION (3)

Study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage, and effective expression.

DR. NEWMAN — First Semester

322 STUDIES IN LINGUISTICS (3)

Study of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

STAFF — Second Semester

450 DIRECTED STUDY IN COMPOSITION (2, 3, 4)

Independent investigation of a topic by means of a thesis or a project to be developed through directed reading, bibliography, and practical application of findings.

STAFF — Both Semesters

LITERATURE

207, 208 INTRODUCTION TO LITERATURE (3, 3)

Beginning reading techniques for understanding and enjoying poetry, fiction, and drama. The first semester will emphasize techniques used in analyzing the three types of literature; second semester, ways in which types are essentially different.

MRS. REEDER 208 First Semester

Prerequisite: Literature 207 prerequisite to 208

Not offered after 1970-71

*209 INTRODUCTION TO LITERATURE (3)

Beginning reading techniques for understanding and enjoying poetry, fiction, and drama. The first half of the semester will emphasize techniques used in analyzing the three types of literature. The second half of the semester will emphasize ways in which the three types are essentially different.

Prerequisite to all literature courses numbered 300 and above.

STAFF Both Semesters

217 BACKGROUNDS TO WESTERN LITERATURE (3)

A study of the classical and biblical backgrounds which figure so importantly in the development of the Western literary tradition. While some consideration will be given to the historical and philosophic nature of the works studied, the emphasis will be on the works as great literature. Included will be a study of the Bible (Genesis, Psalms, Job, etc.), Greek drama, the Homeric epic, and Aristotle's *Poetics*.

DR. GATLIN Second Semester

Open to freshmen, sophomores, and non-English majors, as well as majors.

308 LITERARY COMPOSITION (3)

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest in and aptitude for composition.

DR. NEWMAN Second Semester

Admission by permission of the instructor

*Literature 207, 208 can be substituted for Literature 209 whenever 209 is listed as prerequisite to another course.

309 Studies in Literary Forms

Intensive explorations of the nature and evolution of a selected literary form.

Subtitles indicate the form to be studied; may be taken more than once with different subtitles.

309a The Novel (3)

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

Dr. Maxfield Second Semester

309d Tragedy (3)

Exploration of various possibilities of defining tragedy: in terms of the protagonist, a plot, an effect upon the audience, an attitude toward life, or others.

Staff Second Semester

309f Poetry in English Since 1900 (3)

Development of modern poetry from its post-Victorian beginnings to the present; emphasis on Frost, Eliot, Yeats, and Stevens.

Dr. Newman First Semester

310 Studies in Literary Movements and Attitudes

Study of a group of literary works representative of a particular movement, point of view, or attitude: a body of material in which there are important similarities in emotional, aesthetic, or intellectual content.

Subtitles indicate the movement to be studied; may be taken more than once with different subtitles.

310b Symbolism (3)

A study of myth and symbol in contemporary literature from the French symbolist poets to the present.

Dr. Newman Second Semester

310d Neo-Classicism (3)

Development of the emotional, aesthetic, and intellectual aspects of neo-classicism as seen in selected works from English, French, and German literature.

Staff

Not offered 1970-71

310g MODERN DRAMA (3)

A study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

STAFF First Semester

310h THE VICTORIAN AGE (3)

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

DR. GATLIN Second Semester

310i THE SEVENTEENTH CENTURY (3)

Study of poetry, drama, and prose with emphasis on English literature from Jonson to Dryden; concerned with development of attitudes toward science and government.

MR. REYNOLDS First Semester

311 STUDIES IN LITERATURE AND HISTORY

An effort to illustrate the illumination that can be brought to literature through a study of the effect of a significant event or a related series of events upon subsequent literary works.

Subtitles indicate the subject to be considered. May be taken more than once with different subtitles.

311a PLATONISM IN THE RENAISSANCE (3)

Study of Platonic and courtly-love idealism in Renaissance literature, beginning with the troubadours, and moving through Italy to England.

STAFF

Not offered 1970-71

311b ROUSSEAU AND ROMANTICISM (3)

Development and maturation of romantic techniques and ideas on the continent, in England, and in America from 1760 to 1850; emphasis on the masters of French, German, and English romanticism.

MRS. TYSON Second Semester

311c EXISTENTIALISM IN LITERATURE (3)

The impact of the six major existential writers on the literature of Germany, France, England, and America.

STAFF

Not offered 1970-71

311e RUSSIAN LITERATURE OF THE SOVIET PERIOD (3)

Concentration on the theme of the fate of the individual in modern mass society; readings include works by important Soviet and emigré writers.

DR. WEIANT Second Semester

311f IDENTITY CONFLICTS IN MODERN AMERICAN LITERATURE (3)

Study of the conflict between identity in a minority group and identity as an American, occurring in such groups as Negroes and Jews.

Not offered 1970-71

312 STUDIES IN INDIVIDUAL AUTHORS

Consideration of a significant and coherent portion of the work of a single author.

Subtitles indicate the author to be studied; may be taken more than once with different subtitles.

312a SHAKESPEARE (3)

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

DR. MAXFIELD First Semester

312b CHAUCER (3)

Contributions of Chaucer to English verse through close examination of *The Canterbury Tales, Troilus and Criseyde,* and lyrics.

MRS. TYSON First Semester

312d DOSTOYEVSKY (3)

Examination of the basic problems of human existence raised by Dostoyevsky in his novels.

Not offered 1970-71

313 Studies in a National Literature

Consideration of a significant portion of the literature of one nation.

Subtitles indicate the nation whose literature is studied; may be taken more than once with different subtitles.

313a American Literature (3)

Study of the particular properties and the major movements of American literature as seen in the works of the major writers.

Dr. Gatlin, Mr. Reynolds Both Semesters

313b German Literature (3)

Study of major dramatists from the 18th century, including Lessing, Goethe, Schiller, and Kleist; writers of prose from the 19th century, including Novalis, Eichendorff, Keller, Meyer, Buchner, Hauptmann, Mann, Kafka, and Hesse.

Staff

Not offered 1970-71

313c French Literature (3)

Consideration of major literary works from various periods of French literature, chosen for their value as contributions to world literature.

Mr. Womble First Semester

313d Russian Literature (3)

Major emphasis on Russian literary achievements of the 18th and 19th centuries with special attention given to the works of Pushkin, Gogol, Dostoyevsky, Tolstoy, and Chekhov.

Dr. Weiant First Semester

313e Spanish Literature (3)

Important literary works from various periods chosen for their importance and influence or reflection on world literature.

Staff

Not offered 1970-71

317 Literary Criticism (3)

An approach to literary evaluation through readings of critical theory and through practice on actual literary works.

Staff

Not offered 1970-71

321-322 LITERARY HISTORY OF ENGLAND (3-3)

Seminar for juniors concentrating in literature; emphasis on the development of the literature of England, the rise of literary forms, the importance and influence of major writers, and the relation of literature to political and cultural history.

DR. MAXFIELD, MR. REYNOLDS 321 First Semester
322 Second Semester

450 DIRECTED STUDY IN LITERATURE (2, 3, or 4)

Course open to advanced students by permission of the instructor.

STAFF Both Semesters

475 TUTORIAL IN LITERATURE (3)

Course designed to furnish the student occasion and direction in organizing concentrated study through individual guidance and small group meetings.

STAFF Both Semesters

Required of senior majors in literature

SPEECH AND DRAMATIC ART*

100 FUNDAMENTALS OF THEATRE (3)

Study of basic principles and practices of the correlated arts which make up the production of a play in the theatre; written word viewed in relation to its performance, with discussion of design, costume, makeup, and lighting; also discussion of the place of theatre in society. Trips to theatres and campus productions.

MR. HADLEY

103 FUNDAMENTALS OF SPEECH (3)

Technical analysis of individual voice and speech problems; intensive study of the International Phonetic Alphabet, with individual and group practice in writing phonetic transcription, and in articulation and pronunciation.

STAFF

*No courses in Speech and Dramatic Art will be offered in 1970-71.

201 Oral Interpretation (3)

Approach to an appreciation of literature and a responsiveness to its intellectual and emotional content through training and practice in communicating it to others. Basic principles and techniques in reading poetry, prose, and dramatic literature.

Staff

315 Play Production I (3)

Introduction to principles of stage lighting, costume design and construction, and makeup for open stage and proscenium productions; standard and special lighting equipment; methods of cross- and special-effect lighting; proper use of colored gelatine; and the operation of a patching panel and switchboard; opportunity to apply principles in the production of a play.

Mr. Hadley

316 Play Production II (3)

Introduction to principles of scene design, construction, painting, and shifting for open stage and proscenium production; selection of a style for production from various representational and non-representational methods and translation of design into reality by the construction of standard and modified stage scenery; and opportunity to apply principles in the production of a play.

Mr. Hadley

349 Theatrical Presentation: Theory and Practice (3)

Acting and directing as critical approaches to dramatic literature with practical exercises for the prospective actor-director seeking essentials and techniques in both arts; actor-improvisation and characterization; basic processes which go on during a director's interpretative study and preparation of a play for production. Opportunity to apply principles in the assignment of one play for intensive study; participation in campus productions and trips to local theatres encouraged.

Mr. Hadley

FOREIGN LANGUAGES AND LITERATURES

Programs in French, German, Spanish, and Latin-American Studies and Russian Studies are available in this department. Concentration in any one of these areas provides the basis for graduate study or careers in teaching, government, the foreign service, or in business fields in which a knowledge of another language is important.

College Board Foreign Language Achievement Test scores are used as a measure of proficiency and as a guide for placement. Entering students who have taken this test will be informed at the time of registration of their foreign language study options. A score of 550 (equivalent to successful completion of a 202 level course) is considered demonstration of basic foreign language proficiency. A student in this category will have satisfied the degree requirement and thus may elect to discontinue foreign language study, to register in an upper-level class, or to begin the study of another foreign language. A student scoring below this level will have the choice of continuing in a specifically recommended course a foreign language begun in secondary school or of beginning the study of another foreign language. In either case, students in this latter group receive full semester-hour credit for work successfully completed.

Much of the work in upper-level courses is done in the foreign language laboratory. In preparation for this, a student at the 100 and 200 level of instruction can expect both classwork and homework assignments in the laboratory.

Study Abroad

Students concentrating in foreign languages will be encouraged to study abroad under the auspices of approved institutions. Programs of study must be planned in advance, and credit for such work will be granted only upon receipt of transcripts and the successful completion of a departmental examination.

Distributed Requirements

In Area II, proficiency at the 202 level is required. Any foreign language literature course numbered 300 or above will meet the requirement in literature, Area VI.

FRENCH

Assistant Professor Richardson; Mrs. Rose; Mr. Womble.

Concentration Thirty semester hours of French courses, as approved by the major advisor. At least 18 semester hours are to be from courses numbered 300 and above; included must be French 325, 326, and 460 or 461-462.

Admission to any course numbered above 300 must be approved by the major advisor.

French 315, 316 or equivalent is prerequisite to all other courses in French literature.

101-102 ELEMENTARY FRENCH (3-3)

Presentation of the basic structure of the language; first semester emphasis on the spoken language; second semester, the use of the written language for communication and comprehension.

MR. WOMBLE Both Semesters

103 PREPARATORY FRENCH (3)

One semester course designed for students who wish to continue the language at the intermediate level but who are insufficiently prepared.

MISS RICHARDSON Second Semester

201-202 INTERMEDIATE FRENCH (3-3)

Review and further study of the structure of the language, oral and written; readings from literature and study of civilization, with discussions in French.

MISS RICHARDSON, MR. WOMBLE 201 First Semester
202 First Semester, Second Semester

Prerequisite: French 101-102, 103, or equivalent

309 FRENCH CONVERSATION (3)

Oral training accompanied by regular practice in the language laboratory; oral reports and discussions assigned in advance; conducted in French.

MISS RICHARDSON First Semester

Prerequisite: French 201-202 or equivalent

310 French Composition (3)

Oral and written translations and review of grammar to increase the student's proficiency in the use of the language; conducted mainly in French.

Miss Richardson Second Semester

Prerequisite: French 201-202 or equivalent

313 Important Prose Works of French Literature (3)

Major literary works from various periods of French literature, chosen for their value as contributions to world literature; selected materials read in the original; reports in French; class conducted in English.

Mr. Womble First Semester

NOTE: Students may elect this course as Literature 313c, Studies in a National Literature. Readings will be done in translation, and reports written in English.

Prerequisite: Literature 209

315, 316 Introduction to French Literature (3, 3)

Selections to be read are chosen from important authors of the various periods, studied for content and style, as a reflection of the period and as a phase in the development of the literature.

Staff 315 First Semester
316 Second Semester

French 315 is prerequisite to French 316

317 Medieval and Renaissance Literature (3)

Development of French literature from *The Chanson de Roland* to 1800; selections chosen to illustrate the characteristic literary forms and works of major writers.

Miss Richardson First Semester

Alternate years; offered 1970-71

318 Seventeenth Century Literature (3)

Origins and theories of French classicism; selections from works of major authors particularly Descartes, Pascal, Corneille, Racine, Moliere, LaFontaine, Boileau, and Madame de La Fayette.

Miss Richardson Second Semester

Alternate years; offered 1970-71

319 Eighteenth Century Literature (3)
Reading and analysis of texts selected from the Age of Enlightenment; emphasis on Rousseau, Voltaire, Montesquieu, and Diderot.
Staff
Alternate years; offered 1971-72

325 Nineteenth Century Literature: Romanticism (3)
Study of the literary movements of the first half of the century, with emphasis on romanticism in works of prose, poetry, and drama.
Mr. Womble First Semester

326 Nineteenth Century Literature:
Realism and Naturalism (3)
Literary movements of the last half of the century; emphasis on the development of realism and naturalism and the reaction to these; class conducted in French.
Mr. Womble Second Semester

341 Twentieth Century Literature: Prose Writers (3)
Novelists and essayists including Gide, Proust, Mauriac, Sartre, Simone de Beauvoir, Camus; also the new novel.
Staff
Alternate years; offered 1971-72

342 Twentieth Century Literature:
Drama and Poetry (3)
Including works of Claudel, Giraudoux, Cocteau, Anouilh, Sartre; also Theatre of the Absurd; poetry of Valery, Appollinaire, and the surrealists.
Staff
Alternate years; offered 1971-72

442 Problems in Teaching Modern Language (French) (1)
Required for students in the secondary education program, taken concurrently with Education 442; designed to give special attention to problems and techniques found in the teach-

ing of modern languages. One hour per week throughout the semester.

STAFF Both Semesters

451 ADVANCED COMPOSITION: WRITTEN AND ORAL (3)

Course designed for prospective teachers; review of structure and sounds of the language; written and oral compositions; preparation and presentation of material using modern techniques of foreign language instruction.

STAFF Offered on demand

Admission by permission of the instructor

452 DIRECTED READINGS IN FRENCH LITERATURE (3)

Intensive reading and study in an area of literature chosen by the student to give a more thorough study of an author or area than is possible in courses of wider content.

MR. WOMBLE Second Semester

Admission by permission of the instructor

460 INDEPENDENT STUDY IN FRENCH (3)

A one semester study of a topic of special interest to the student. A presentation of the topic, written in French, must be defended orally before a review committee.

STAFF Both Semesters

461-462 INDEPENDENT STUDY IN FRENCH (1-3 or 4)

A two semester study of a topic of special interest to the student. A presentation of the topic, written in French, must be defended orally before a review committee.

STAFF Both Semesters

GERMAN

Assistant Professor Hostettler.

Concentration Thirty semester hours of German courses, of which at least 18 semester hours are numbered 300 and above including 460 or 461-462.

101-102 ELEMENTARY GERMAN (3-3)

Development of aural comprehension, speaking, reading, and writing of idiomatic German.

MRS. HOSTETTLER

101 First Semester
102 Second Semester

201-202 INTERMEDIATE GERMAN (3-3)

Review of the basic structure of the language and the presentation of the finer points of grammar, syntax, and idiom; continuation of training in reading and pronunciation and perception of the spoken language.

MRS. HOSTETTLER

201 First Semester
202 Second Semester

Prerequisite: German 101-102 or equivalent

313 IMPORTANT WORKS IN GERMAN LITERATURE (3)

Major dramatists from the 18th century, including Lessing, Goethe, Schiller, and Kleist; writers of prose from the 19th century, including Novalis, Eichendorff, Keller, Meyer, Büchner, Hauptmann, Mann, Kafka, Hesse; conducted in English.

MRS. HOSTETTLER

Prerequisite: German 201-202 or equivalent
Not offered 1970-71

NOTE: Students may elect to take this course as Literature 313b, Studies in a National Literature.
Prerequisite: Literature 209

314 GERMAN LITERATURE OF THE NINETEENTH CENTURY (3)

Study in depth of prose and dramatic works of the realistic, naturalistic, and symbolistic periods; conducted in German.

MRS. HOSTETTLER

Prerequisite: German 201-202 or equivalent
Alternate years; offered 1971-72

315 CONTEMPORARY GERMAN PROSE (3)

Study of the selected prose writing of Kafka, Borchert, Böll, Benn, Langgässer, Aichinger, and Gunther Grass; conducted in German.

MRS. HOSTETTLER

Prerequisite: German 201-202 or equivalent
Not offered 1970-71

316 Contemporary German Drama (3)

Study of selected dramatic works of Brecht, Frisch, Dürrenmatt, Hochhuth, and Weiss; conducted in German.

Mrs. Hostettler Second Semester

Prerequisite: German 201-202 or equivalent
Alternate years; offered 1970-71

321 German Conversation and Composition (3)

Training in the use of idiomatic German; oral and written reports with continued stress on pronunciation and correct modes of expression.

Mrs. Hostettler First Semester

Prerequisite: German 201-202 or equivalent

322 Advanced German Conversation and Composition (3)

Discussions and reports, oral and written, based on German, Swiss, and Austrian newspaper and magazine articles and contemporary short stories.

Mrs. Hostettler Second Semester

Prerequisite: German 321 or permission of the instructor

400 Directed Readings in German Literature (3)

A one semester reading course with reports in German, used to supplement areas of interest or need in the student's course of study.

Mrs. Hostettler Second Semester

442 Problems in Teaching Modern Language (German) (1)

Required for students in the secondary education program, taken concurrently with Education 442. Designed to give special attention to problems and techniques found in the teaching of modern languages. One hour per week throughout the semester.

Mrs. Hostettler Second Semester

450 German Folklore (3)

Introduction to German folklore traditions, including study of ballads, folktales, customs, and art forms. Readings of "Grimms Marchen, Sagen, and Des Knaben Wunderhorn."

Mrs. Hostettler First Semester

451 STILISTICS (3)

Analysis of the structure and phonetics of German; practice with oral presentation and composition of reports and essays; conducted in German.

MRS. HOSTETTLER
Admission by permission of the instructor
Offered when there is sufficient demand

460 INDEPENDENT STUDY IN GERMAN (3)

A one semester study of a topic of special interest to the student. A presentation of the topic, written in German, must be defended orally before a review committee.

MRS. HOSTETTLER First Semester

461-462 INDEPENDENT STUDY IN GERMAN (1-3 or 4)

A two semester study of a topic of special interest to the student. A presentation of the topic, written in German, must be defended orally before a review committee.

MRS. HOSTETTLER First Semester
Second Semester

RUSSIAN

Professor Weiant.

Concentration Russian Studies: Twelve semester hours of Russian courses numbered 300 and above, including 460 or 461-462; and History 317, 318.

101-102 ELEMENTARY RUSSIAN (3-3)

Basic structure of Russian with emphasis on correct pronunciation and training in reading and writing in Cyrillic alphabet; introduction to Soviet life and culture.

DR. WEIANT 101 First Semester
102 Second Semester

201-202 INTERMEDIATE RUSSIAN (3-3)

Review of basic structure of Russian; advanced study of grammar, syntax, use of idiom and word formation; readings in Russian literature and modern Soviet works.

DR. WEIANT 201 First Semester
202 Second Semester

305 Russian Prose (3)

Practical training in reading Russian to acquire a large vocabulary based on analysis of word roots, mastery of the more complex forms of syntax, and an awareness of style; compositions and oral reports in Russian.

Dr. Weiant First Semester
Prerequisite: Russian 201-202 or equivalent

306 Russian Poetry (3)

Essentials of Russian versification with readings from works of Pushkin, the symbolists, and leading poets of the Soviet period; continued emphasis on vocabulary development as well as memorization and practice in phonetics and intonation; oral recitation and translation into Russian and English prose.

Dr. Weiant Second Semester
Prerequisite: Russian 305

311 Russian Literature of the Soviet Period (3)

Basic theme is that of much 20th century literature: the fate of the individual in modern mass society; readings include works by important Soviet and emigré writers; class conducted in English; most readings and reports in Russian.

Dr. Weiant Second Semester
Prerequisite: Russian 305
Alternate years; offered 1970-71

NOTE: Students may elect to take this course as Literature 311e, Studies in Literature and History. Readings will be done in translation and written reports in English.

Prerequisite: Literature 209

312 Dostoyevsky (3)

Examination of the basic problems of human existence raised by Dostoyevsky in his novels; class conducted in English; some readings and reports in Russian.

Dr. Weiant
Prerequisite: Russian 305
Not offered 1970-71

NOTE: Students may elect to take this course as Literature 312d, Studies in a National Literature. Readings will be done in translation and written reports in English.

Prerequisite: Literature 209

313 Masterpieces of Russian Literature (3)

Major emphasis on Russian literary achievements of the 18th and 19th centuries, with special attention given to the works of Pushkin, Gogol, Dostoyevsky, Tolstoy, and Chekhov.

Dr. Weiant First Semester

NOTE: Students may elect to take this course as Literature 313d, Studies in a National Literature. Readings will be done in translation and written reports in English.

Prerequisite: Literature 209

460 Independent Study in Russian (3)

A one semester study of a topic of special interest to the student. A presentation of the topic, written in Russian, must be defended orally before a review committee.

Dr. Weiant Both Semesters

461-462 Independent Study in Russian (1-3 or 4)

A two semester study of a topic of special interest to the student. A presentation of the topic, written in Russian, must be defended orally before a review committee.

Dr. Weiant 461 First Semester
462 Second Semester

SPANISH

Assistant Professor Kirby; Assistant Professor Hopper; Mrs. Lopez.

Concentrations Spanish: Thirty semester hours of Spanish courses, of which at least 18 semester hours are from Spanish courses numbered 300 and above including 460 or 461-462. Admission to any course numbered above 200 must be approved by the major advisor.

Latin-American Studies: Spanish 301, 302, 321, 322, 431, 432, 464 or 465-466; History 307; and nine hours of courses of 300 level or above, in economics, history and political science, and sociology, as approved by the major advisor. Courses numbered 300 or above are taught in Spanish.

101-102 ELEMENTARY SPANISH (3-3)

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the civilization of Latin America.

MRS. HOPPER — 101 First Semester; 102 Second Semester

103 PREPARATORY SPANISH (3)

One semester course designed for students who wish to continue the language at intermediate level but who are insufficiently prepared.

MISS KIRBY, MRS. LOPEZ — Both Semesters

201-202 INTERMEDIATE SPANISH (3-3)

Review and more advanced study of the structure of the language, oral and written; introduction to the civilization of Spain; readings in contemporary literature.

MRS. HOPPER, MISS KIRBY, MRS. LOPEZ — Both Semesters

Prerequisite: Spanish 101-102, 103 or equivalent

301, 302 STUDY OF HISPANIC LITERATURE (3, 3)

Introduction to Spanish literature, its historical background, and important trends developed through reading and discussion of significant works.

MRS. LOPEZ 301 First Semester
302 Second Semester

Prerequisite: Spanish 201-202 or equivalent
Spanish 301 for 302

315 NINETEENTH CENTURY DRAMA (3)

Study of the romantic period, thesis play, satire on social customs, and the *genero chico* through readings from outstanding authors and recordings of plays; class conducted in Spanish.

MRS. HOPPER First Semester

Prerequisite: Spanish 301, 302 or by permission of the instructor
Alternate years; offered 1970-71

316 NINETEENTH CENTURY NOVEL (3)

Stylistic and *costumbrista* study through readings and discussions of the outstanding Spanish authors of regional novels and short stories.

Offered when there is sufficient demand.

Prerequisite: Spanish 301, 302, or by permission of the instructor

321 SPANISH CONVERSATION (3)

Advanced training in speaking, report making, and comprehension; continued stress on pronunciation, intonation, and correct modes of expression.

MISS KIRBY First Semester

Prerequisite: Spanish 201-202 or by permission of the instructor

322 ADVANCED SPANISH CONVERSATION (3)

Current socio-political problems of Latin America discussed through the works of Latin-American essayists and short story writers.

MISS KIRBY Second Semester

Prerequisite: Spanish 201-202, 321, or by permission of the instructor

400 DIRECTED READINGS IN SPANISH OR LATIN AMERICAN LITERATURES (2 or 3)

A one semester readings course with reports in Spanish, to supplement student's course of study.

MRS. HOPPER Both Semesters

402 CONTEMPORARY SPANISH LITERATURE (3)

Literature and ideas of 20th century from the "Generation of 1898" to the present; influence of history on the literature; stylistic analysis of works of the authors studied.

MISS KIRBY Second Semester

Alternate years; offered 1970-71

423 DRAMA OF THE GOLDEN AGE (3)

Literary background of the Golden Age; reading and evaluation of masterpieces of drama.

MISS KIRBY First Semester

Prerequisite: Spanish 301, 302, or by permission of the instructor
Alternate years; offered 1970-71

424 CERVANTES (3)

Study of works of Cervantes, with emphasis on *Don Quihote* and the *Novelas Ejemplares.*

MRS. HOPPER

Admission by permission of the instructor
Alternate years; offered 1971-72

431, 432 READINGS IN SPANISH-AMERICAN LITERATURE (3, 3)

Chronological development of Spanish-American literature; readings reflect history, culture, and social and literary trends.

MISS KIRBY

Prerequisite: Spanish 301, 302, or by permission of the instructor
Alternate years; offered 1971-72

433 THE CONTEMPORARY THEATRE (3)

Study of the tendencies and dramatic works from the "Generation of 1898" and modernism, the contemporary theatre in Spain and Latin America.

MRS. HOPPER Second Semester

Prerequisite: Spanish 301, 302, or by permission of the instructor
Alternate years; offered 1970-71

442 PROBLEMS IN TEACHING MODERN LANGUAGE (SPANISH) (1)

Required for students in the secondary education program, taken concurrently with Education 442. Designed to give special attention to problems and techniques in teaching of modern languages. One hour a week throughout semester.

MISS KIRBY — Second Semester

451 ADVANCED GRAMMAR AND COMPOSITION (3)

A systematic review and a more advanced study of the grammatical structure of the language; and introduction into the evolution of Spanish; oral and written application of the principles studied to increase fluency.

MISS KIRBY — First Semester

460 INDEPENDENT STUDY IN SPANISH (3)

A one semester study of a topic of special interest to the student. A presentation of the topic, written in Spanish, must be defended orally before a review committee.

MISS KIRBY — First Semester

461-462 INDEPENDENT STUDY IN SPANISH (1-3 or 4)

A two semester study of a topic of special interest to the student. A presentation of the topic, written in Spanish, must be defended orally before a review committee.

MISS KIRBY — 461 First Semester; 462 Second Semester

464 RESEARCH IN LATIN AMERICAN STUDIES (3)

A one semester research project for students concentrating in Latin American Studies. A presentation of the project, written in Spanish, must be defended orally before a review committee.

MISS KIRBY — First Semester

465-466 RESEARCH IN LATIN AMERICAN STUDIES (1-3 or 4)

A two semester research project for students concentrating in Latin American Studies. Presentation of project, written in Spanish, must be defended orally before a review committee.

MISS KIRBY — 465 First Semester; 466 Second Semester

HISTORY

Professor Preyer; Professor Reichard; Assistant Professor Davis; Assistant Professor Jacobs.

Courses are designed to help the student understand the forces which influence the conduct of human affairs. The discipline draws upon many fields of knowledge and assists students to develop perspective and objectivity. Concentration in history provides training for careers in teaching, in foreign service and government, in law, in library work with archives, and in interpretative journalism.

Concentration Thirty semester hours in history. At the 100-200 level one course is required in each of the following fields: ancient and medieval history; modern European history; and American history. At the 300-400 level at least two additional courses in one of the above fields are required, including either 442 or 444.

Distributed Requirements The requirement, Area III, is met by any course except those numbered 420 and above.

111 The Ancient World (3)
General survey of ancient Near-Eastern, Greek, and Roman history; emphasis upon the distinctive features characteristic of each civilization. (Section I of History 111 is designated as an honors section designed primarily for Queens Scholars and open also to sophomores intending to major in history.)
Dr. Jacobs First Semester

112 Medieval Europe (3)
General survey of the development of Europe to its culmination at the time of the Reformation. The major concern is Western Europe, with a secondary emphasis upon the Byzantine East.
Dr. Jacobs Second Semester

113 MODERN EUROPE (3)

A survey of the intellectual, economic and political developments of Modern Europe, beginning in the Enlightenment and continuing through the 1960's with emphasis on European relations with the non-European world.

DR. REICHARD First Semester

203 THE UNITED STATES TO 1865 (3)

Rise of an American tradition; establishment of a nation; economic developments; expansion and sectional controversy.

MR. DAVIS, DR. PREYER First Semester

204 THE UNITED STATES SINCE 1865 (3)

Reconstruction; settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

MR. DAVIS, DR. PREYER Second Semester

301, 302 ENGLISH HISTORY (3, 3)

Study of the social, economic, and political growth of the nation with emphasis on the development of parliamentary government, the Empire, and the Commonwealth of Nations.

MRS. LITTLE 301 First Semester
302 Second Semester

Alternate years; offered 1970-71

307 HISTORY OF LATIN AMERICA (3)

An introduction to the history of Latin America from colonial times through liberation and national periods down to the present day.

DR. REICHARD
Not offered 1970-71

317 HISTORY OF RUSSIA (3)

Background of Czarist Russia; emergence of Russia as a world power; the Revolution; and expansion of communism.

DR. WEIANT
Alternate years; offered 1971-72

318 HISTORY OF THE UNION OF SOVIET SOCIALIST REPUBLICS (3)

Detailed history of the USSR and its role in world affairs; emphasis on the Communist Party, development of Soviet economic and governmental institutions, and the composition of Soviet society.

DR. WEIANT

Prerequisite: History 317
Alternate years; offered 1971-72

320 HISTORY OF THE FAR EAST (3)

An introduction to the history of China and of Japan from early times, including the traditional civilization of each, down to recent times.

DR. REICHARD First Semester
Alternate years; offered 1970-71

324 HISTORY OF AFRICA (3)

An introduction to African history from earliest times through the slave trade, the era of imperialism, and the post-liberation period. Emphasis upon West Africa.

DR. REICHARD Second Semester

377 ANCIENT GREEK CIVILIZATION (3)

Study of the major forms and ideas of Greek civilization from Homer to Aristotle, considered against the background of Greek history from Mycenaean times to death of Alexander.

DR. JACOBS First Semester
Alternate years; offered 1970-71

378 ANCIENT ROMAN CIVILIZATION (3)

Study of the major institutional and intellectual features of Roman civilization from the earliest appearances of the Latins in Italy to the preservation of the Roman spirit in the Christian church of the West.

DR. JACOBS
Alternate years; offered 1971-72

379 Topics in Medieval History (3)

Examination of the medieval roots of certain critical problems of contemporary man.

A subtitle will be used to indicate the topic each time the course is offered. May be taken no more than twice with different subtitles.

379a Church and State in the Middle Ages

Not offered 1970-71

379b The City in the Middle Ages

Dr. Jacobs Second Semester

Offered 1970-71

379c Education in the Middle Ages

Offered 1971-72

380 Renaissance and Reformation (3)

Study of these two movements against the background of the major political, social, and economic trends in Europe between the 14th and 17th centuries; clarification of basic factors leading to the transition from medieval to modern history.

Dr. Jacobs Second Semester

382 History of Austria (3)

The rise of Austria under the Hapsburgs, the problems of multiple nationalities and the factors which led to the collapse of Austria-Hungary in 1918.

Offered only in the Queens College European Program, The Institute of European Studies, Vienna, Austria

385 European History, 1789-1848 (3)

Study of the forces of continuity and change in European history from the French Revolution to the revolutions of 1848.

Dr. Reichard First Semester

386 European History, 1848-1918 (3)

Political, social and economic history of Europe from the revolutions of 1848 through the First World War. Particular emphasis on Germany, France, and Austria.

Dr. Reichard

Not offered 1970-71

388 Europe Since the First World War (3)
Emphasis on the rise of totalitarianism, the Second World War, and the post-war era.
Dr. Reichard
Not offered 1970-71

390 Individuals and Generations (3)
Biographical approach to American history; the impact of historical forces upon the attitudes and actions of different generations.
Dr. Preyer
Not offered 1970-71

391 American Radicals and Radicalism (3)
An effort to define the nature and role of American radicalism through a survey of the major radical movements of the American past.
Mr. Davis First Semester
Alternate years; offered 1970-71

392 American Women: Leaders and Movements (3)
Review of the role of women in the history of American society and politics.
Mr. Davis Second Semester
Alternate years; offered 1970-71

393 Main Currents in Southern History (3)
Study of forces which have shaped the Southern mind; emphasis is placed on the changing relations between blacks and whites on the local and national level.
Dr. Preyer Second Semester

396 The United States From Reconstruction to World War I (3)
Topics in American domestic history from 1865 to 1914; emphasis on problems and adjustments of an age in upheaval: reconstruction, trials of the freedman, industrialization and the revolution in thought, and characteristics of reform movements.
Dr. Preyer
Not offered 1970-71

397 The United States in the Twentieth Century (3)
The domestic history of America from 1919 to the present; stress placed on problems of economic regulation, social legislation, national power, and civil rights.
Mr. Davis First Semester
Alternate years; offered 1970-71

399 American Diplomatic History (3)
Major themes in the history of American diplomacy since 1898 with emphasis on their applications, modification, and development in relation to America's increased responsibilities as a world power.
Mr. Davis
Not offered 1970-71

420 History Seminar (3)
Theories concerning causation, pattern, and meaning in history; conducted on a colloquium basis.
Dr. Preyer First Semester
Alternate years; offered 1970-71

424 Interpretations in American History (3)
Readings in historiography; study of American historians, their interpretations, ideas, and achievements; Parkman and Bancroft through Beard and Turner to Hofstadter and Schlesinger.
Mr. Davis
Alternate years; offered 1971-72

442 Research Problems in American History (3)
Course designed to provide training and practice in historical research and writing; required papers on different aspects of a common topic in American history.
Mr. Davis Second Semester
Offered second semester every year
Topic for 1970-71 is: The Union Party of 1936 and the Radical Right in the Twentieth Century.

444 Research Problems in European History (3)
Designed to provide training and practice in historical re-

search and writing; required papers on different aspects of a common topic in European history.

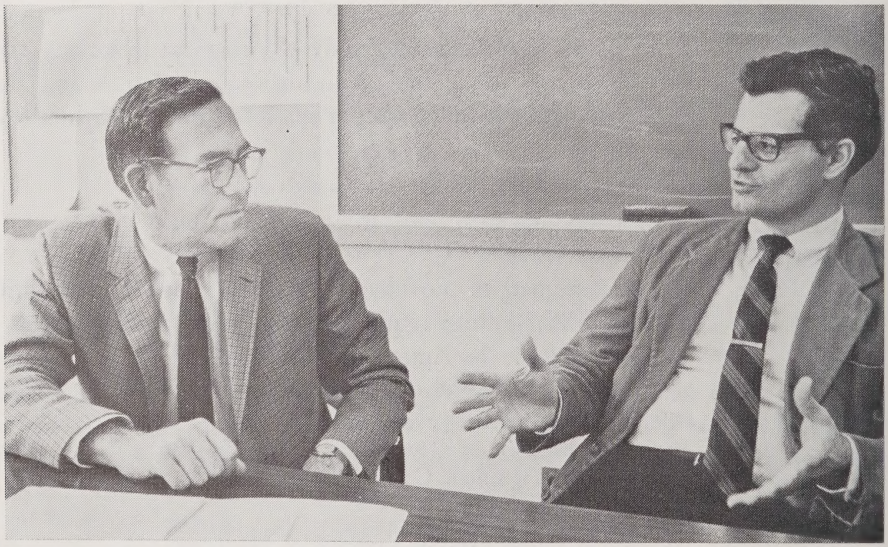
DR. REICHARD Second Semester
Offered second semester every year
Topic for second semester 1970-71 is: The Rise of the Social Conscience in the 19th Century.

449 DIRECTED READINGS IN HISTORY (3)
Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

STAFF Both Semesters
Open to students by permission of the department only

450 INDEPENDENT STUDY IN HISTORY (3)
Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members.

STAFF Both Semesters
Open to students by permission of the department only



INTERDISCIPLINARY STUDIES

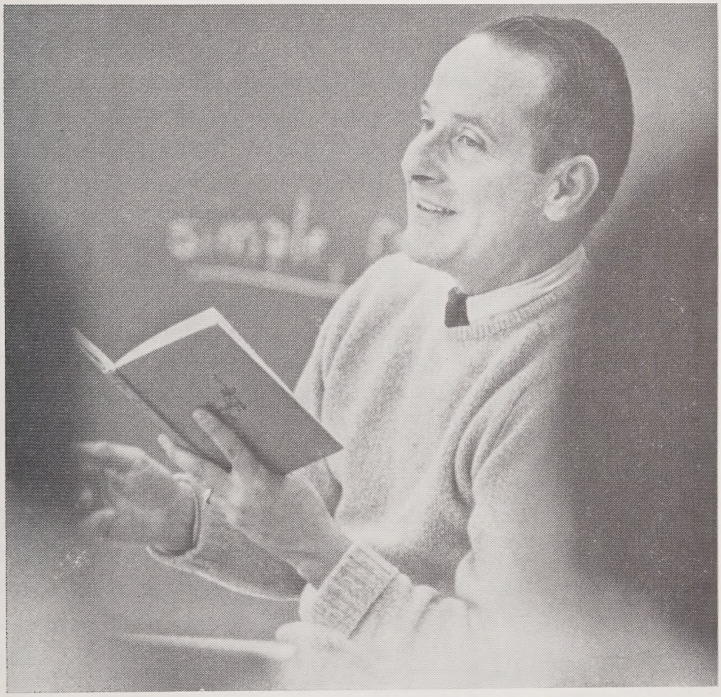
Contemporary Affairs

Queens offers a series of interdisciplinary seminars on contemporary affairs primarily for students in the sophomore year. Subjects are announced annually.

200 INTERDISCIPLINARY STUDIES (3)

A series of interdisciplinary courses in major contemporary issues, offered in response to student and faculty interest. Credit as elective only.

DR. REICHARD Second Semester
Offered 1970-71



MATHEMATICS

*Professor Fusaro; Professor Hoyle; Associate Professor Jenkins; Mr. Archer.

The department of mathematics presents both the pure and applied aspects of the discipline.

The courses 102, 201 serve as preparation for further work in mathematics and science. The course 105 is appropriate for general education and is suitable for students concentrating in the behavioral sciences. The student concentrating in mathematics can choose a program that will prepare her to teach at the secondary school level, to go into actuary or computer work, or to go to graduate school.

The department manages a computer center and has direct access to a third generation computer (the IBM 360, Model 75). The computer center is equipped with a teletypewriter for tape input, an IBM 1050 for card input, and Wang electronic calculators.

Concentration Mathematics 102, 201, 202, 301, 302, 303, and 12 hours selected from upper level mathematics courses. Students should plan to take at least one course from each of the following major fields of mathematics: Algebra (401); Analysis (415, 416); Applied (405, 406, 409); Geometry/Topology (304, 307). Physics 101 and 102 are strongly recommended.

As a part of the concentration in mathematics, students planning to study for a graduate degree should include in programs Mathematics 307, 401, and 415.

Distributed Requirements All courses except 101 satisfy the distributed requirements, Area IV; 101 is open only to students who have not presented for admission an algebra-trigonometry course.

*On leave of absence 1970-71

100 AN INTRODUCTION TO COMPUTERS AND PROGRAMMING (1)

Tape and card input to the IBM 360; writing PL/I programs. The last two weeks will be spent working in conjunction with a faculty member on a specific problem. This course is on a Pass/No Record basis.

DR. DEFELICE Both Semesters

101 AN INTRODUCTION TO MATHEMATICAL ANALYSIS (3)

Sets; equations and inequalities; mathematical induction; relations, functions and their graphs; trigonometric functions.

MR. ARCHER Both Semesters

This course is for students who plan to major in mathematics or the natural sciences but who do not have the preparation for Mathematics 102. Others will be admitted only by permission of the head of the department.

102 CALCULUS I (3)

Limits and continuity; the derivative and its applications, including curve-sketching and maximum/minimum problems; the law of the mean.

MR. ARCHER, MISS JENKINS Both Semesters

Prerequisite: Mathematics 101 or its equivalent

105 AN INTRODUCTION TO MODERN MATHEMATICS (3)

Statements, connectives, truth-tables and valid arguments; sets and their relation to statements; partitions and counting problems; probability including conditional probability.

DR. HOYLE, MR. ARCHER Both Semesters

201, 202 CALCULUS II, III (3, 3)

The law of the mean; related rates; the definite integral; exponential and logarithmic functions; circular and hyperbolic functions; L'Hospital's rule; formal integration; surfaces and curves; vector functions; partial derivatives.

MR. ARCHER First Semester

DR. HOYLE, MISS JENKINS Second Semester

Prerequisite: Mathematics 102 or its equivalent

206 Statistical Methods (3)

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavorial or social sciences.

Miss Jenkins, Dr. Lanier Both Semesters
Prerequisite: Mathematics 101, 102, or 105

301, 302 Multivariate Calculus with Differential Equations I, II (3, 3)

Multiple integrals; series; tangent fields; series solutions of equations; exact and first order linear equations; homogeneous and nonhomogeneous linear equations with constant coefficients; systems of equations.

Miss Jenkins 302 First Semester
Dr. Hoyle 301 Second Semester
Prerequisite: Mathematics 202

303 Linear Algebra and Coordinate Geometry (3)

Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations.

Miss Jenkins First Semester
Prerequisite: Mathematics 102

304 College Geometry (3)

Modern approach to the study of Euclidean and non-Euclidean geometries, including incidence and affine geometries; designed especially for students preparing to teach.

Not offered 1970-71

307 Introduction to Topology (3)

Introductory study of point-set topology, including open sets, continuity, topological spaces, homeomorphism, connectedness, and compactness.

Mr. Archer Second Semester
Prerequisite: Mathematics 201
Alternate years; offered 1970-71

401 An Introduction to Modern Algebra (3)

Presentation of the theory of integral domains, fields, groups, rings, vector spaces, matrices, and other selected topics.

Dr. Hoyle First Semester

Prerequisite: Mathematics 202

405 Introduction to Probability and Mathematical Statistics (3)

Introductory study of probability as a mathematical system; random variables and distribution functions; mathematical models; testing hypotheses; estimation of parameters.

Prerequisite: Mathematics 202

Alternate years; offered 1971-72

406 Statistical Inference (3)

Study of the relation of sample to population with the consideration of statistical problems such as testing of hypotheses, estimation, and experimental design.

Prerequisite: Mathematics 202

Alternate years; offered 1971-72

409 Numerical Analysis (3)

Roots of algebraic and transcendental equations; the difference calculus and interpolation; matrix inversion and eigenvalues; initial-value problems for differential equations.

Prerequisite: Mathematics 302; may be taken concurrently

Not offered 1970-71

415 Introduction to Real Variable Theory (3)

The real numbers; set theory; metric spaces; Euclidean spaces; uniform continuity; series of functions; the Riemann-Stieltjes integral.

Prerequisite: Mathematics 302; may be taken concurrently

Alternate years; offered 1971-72

416 Introduction to Complex Analysis (3)

Algebra and geometry of complex numbers; analytic functions; contour integrals; Taylor and Laurent series; conformal mappings.

Mr. Archer Second Semester
Prerequisite: Mathematics 302; may be taken concurrently
Alternate years; offered 1970-71

425 Mathematics Seminar (3)

Seminar in advanced topics of mathematics.

Open to senior mathematics majors with permission of the instructor
Prerequisite: Mathematics 302
Not offered 1970-71

MUSIC

Professor Stegner; Associate Professor Calder; Associate Professor Eagle; Associate Professor May; Associate Professor Morrison; Assistant Professor Hargett; Assistant Professor Lammers; Assistant Professor Sica.

The music department puts emphasis upon the individual purpose of each student whether she is pursuing music as a professional career, developing a special ability, studying to become a teacher, or is interested in music as a part of her liberal education. Small classes allow personal attention, and students receive private instruction under teachers who are performing artists. Ensemble work is stressed through participation in the musical organizations of the college. The more advanced students have many opportunities for group and solo performances in the city of Charlotte through local organizations such as the Charlotte Opera Association, the Oratorio Singers, the Charlotte Symphony Orchestra, and church choirs.

Concentrations

Concentration in Music Under Bachelor of Arts Degree: Forty semester hours in music including Music 100, 103, 104, 203, 204, 213, 214, 307, 308, 407; Physics 103; at least two years of ensemble work* (choir, chorus, and/or instrumental ensemble); and at least one semester hour of private training in applied music for four semesters. At least 18 of the 40 hours shall be in courses numbered 300 and above. The following fields can be elected for special emphasis under this degree: general music, applied music, history and literature, sacred music, and theory.

Concentration in Music Under Bachelor of Music Degree: Bachelor of music candidates are required to fulfill the same basic requirements as those required of all liberal arts candidates with the exceptions listed for the music education students. Also required are Music 100, 103, 104, 203, 204, 307, 307a, 308, 308a, 311, 312, 407a, 409; Physics 103; six to eight semester hours ensemble work (choir, chorus and/or instrumental ensemble); and the following:

*Semester hours gained in courses marked with an asterisk may not be counted toward the 40 hours music concentration or the 120 hours for graduation under the A.B. program in music.

1. In Applied Music: Thirty-eight additional hours of music apportioned as follows: 21 to 24 hours in a chosen instrument, half-recital in junior year, Music 400, 413-414 (piano majors only), three to six additional hours in music courses, and four additional hours (in four semesters) in other applied music. At the end of the sophomore year a qualifying examination will be given in the major applied area.

2. In Music Education: Music 75, 95, 321-322, 415, 416, and no less than 14 semester hours in a major performance area and four semester hours in a minor performance area. (See music bulletin for musical and technical standards in performance areas.)

3. In Piano Pedagogy: Fifteen to 17 semester hours in piano (including Music 95, Functional Piano Class); Music 313-314, 413-414, 417-418; at least nine additional hours in music; Psychology 201, Education 202, and Psychology 309 or 319.

Distributed Requirements Distributed Requirement, Area VI, can be satisfied by Music 100, 103, 207, 315, 316, 317.

100 Introduction to Music (3)
Study of the basic materials of music, survey of the important composers, and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment.
Staff Both Semesters

103 Beginning Theory and Composition I (3)
Fundamentals of notation, tonality, scales and modes, interval and triadic structure. Elementary characteristics of melodic form. Two and three-voiced writing in the contrapuntal and harmonic style.
Miss Eagle First Semester

104 BEGINNING THEORY AND COMPOSITION II (3)

Four-part writing in a homophonic style using triadic structures and diatonic and chromatic leading-tone seventh chords. Harmonic sequence and modulation. Introduction to smaller forms.

MISS EAGLE Second Semester
Prerequisite: Music 103

113, 114 ELEMENTARY SIGHTSINGING AND EAR-TRAINING (1, 1)

Study and application of techniques of music reading and identification of sound. Audition required.

STAFF Both Semesters

203 INTERMEDIATE THEORY AND COMPOSITION I (3)

Part-writing using nondominant seventh chords and chromatic harmony. A study of basic homophonic and contrapuntal forms. Analysis and written exercises.

MISS EAGLE First Semester
Prerequisite: Music 104

204 INTERMEDIATE THEORY AND COMPOSITION II (3)

A study of possibilities of melodic, harmonic, and tonal expansion. Compositional techniques of the 20th century. Analysis and written exercises.

MISS EAGLE Second Semester
Prerequisite: Music 203

207 MUSIC IN AMERICA (3)

A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

MR. LAMMERS First Semester

213, 214 INTERMEDIATE SIGHTSINGING AND EAR-TRAINING (1, 1)

Study and application of techniques of music reading and identification of sound. Audition required.

STAFF 213 First Semester
214 Second Semester

230 Music Methods for Elementary Teachers (2)

Materials and methods of teaching music in the elementary school with emphasis on techniques of teaching music fundamentals, supervising performing activities, and helping the elementary child to become an intelligent listener.

Mr. Sica Both Semesters

Prerequisite: Music 100 and some basic knowledge of the fundamentals of music theory and elementary piano playing demonstrated on examination, or by one semester of private piano study

301 Advanced Theory I (3)

Analytical approach to the techniques of counterpoint and contrapuntal forms with particular emphasis on the pre-Baroque and Baroque eras; written exercises and performance of compositions in the style.

Miss Eagle First Semester

Not offered after 1970-71

302 Advanced Theory II (3)

Study of the techniques of composition and form as used by composers in classic, romantic, and contemporary music; analysis and performance in the style.

Miss Eagle Second Semester

Not offered after 1970-71

307 Music From the Ancient Greeks Through the Baroque Era (3)

Study of the broad aspects of music in Western civilization from approximately 500 B.C. through the Baroque era; emphasis on representative composers and forms that developed in each succeeding period.

Dr. Stegner First Semester

Prerequisite: Music 100

307a Stylistic Analysis Through the Baroque Era (1)

A study of compositional techniques and formal styles of the Baroque era; should be taken concurrently with Music 307.

Dr. Stegner First Semester

Prerequisite: Music 203

308 MUSIC IN THE CLASSICAL AND ROMANTIC ERAS (3)

Study of the newly perfected forms of orchestral, chamber, and keyboard music as found in the works of Haydn, Mozart, and the earlier Beethoven; and of the progression of the romantic element in music of the 19th century and composers involved.

DR. STEGNER Second Semester

Prerequisite: Music 100

This course is also offered in the Queens European Program, Institute of European Studies.

308a STYLISTIC ANALYSIS, CLASSIC AND ROMANTIC ERAS (1)

A study of compositional techniques and formal styles of the Classic and Romantic eras; should be taken concurrently with Music 308.

DR. STEGNER Second Semester

Prerequisite: Music 203

311, 312 ADVANCED SIGHTSINGING AND EAR-TRAINING (1, 1)

Study and application of techniques of music reading and identification of sound; audition required.

Not offered 1970-71

313-314 ELEMENTARY PIANO PEDAGOGY AND MATERIALS (2-2)

Topics in methods, piano-readiness, musicianship, theory, technique, and interpretation as they pertain to the first four years of piano study; extensive survey and evaluation of pedagogical materials.

MRS. HARGETT 313 First Semester
314 Second Semester

Prerequisite: Music 95 or permission of instructor

315 MUSIC LITERATURE—CONGREGATIONS AND CHOIR (3)

Study of all forms of church music: hymns, motets, anthems, responses, cantatas and oratorios; valuable to students who may be interested in any phase of church work.

MR. MORRISON First Semester

316 CHURCH LITURGIES AND MUSIC (3)

Background and review of the liturgies and music of all branches of the Christian church beginning with the Hebrews

and continuing with the Greek, Roman, Anglican, Lutheran, and Reformed faiths.

Mr. Morrison — Both Semesters

317 The Organ in Church Service (3)

Instruction in church service playing with emphasis in repertoire, hymn playing, choir accompaniment, modulation, improvisation, and discussion of electronic organs in use today.

Mr. Morrison — Second Semester

319 Study of a Composer (3)

Each semester that this is offered a single composer will be chosen for an in-depth examination of his life, works, style, and influence on his contemporaries and followers.

1970-71 Stravinsky

Dr. Stegner — Second Semester

Prerequisite: Music 100

May be taken more than once with different sub-titles

321-322 Methods for Public School Music Teachers (3-3)

Materials, theories, and techniques involved in teaching of all areas of music in the elementary, junior, and senior high school; trips made to observe local school groups; instruments used in the general music program; class instruction in strings, woodwinds, brass, and percussion.

Mr. Lammers — 321 First Semester; 322 Second Semester

400 Senior Recital (1)

The preparation and performance of a full public solo recital in the major instrument.

Staff — Both Semesters

Grading is Pass/No Record for all students enrolled.

407 Music Literature of the Twentieth Century (3)

Study of the development of music during the 20th century beginning with the works of Debussy and Mahler; aspects, means of expression, and present day tendencies examined and discussed through the use of contemporary masterpieces.

Subtitles will describe particular aspects considered in year indicated.

Staff — First Semester

Prerequisite: Music 100

407a STYLISTIC ANALYSIS, TWENTIETH CENTURY (1)
A study of compositional techniques and formal styles of the 20th century. Should be taken concurrently with Music 407.
STAFF First Semester
Prerequisite: Music 204

408 COMPOSITION (3)
Creative expression in various musical media based on a study of traditional and 20th century forms and techniques of composition; suitable compositions performed in workshop recitals.
MR. SICA Second Semester
Admission by permission of the instructor

409 STYLISTIC ANALYSIS OF COMPOSITION FOR PERFORMANCE (1)
Independent study and analysis of compositional techniques and formal styles of compositions the student is preparing to perform; class-seminar meetings.
Prerequisite: Music 204
Not offered 1970-71

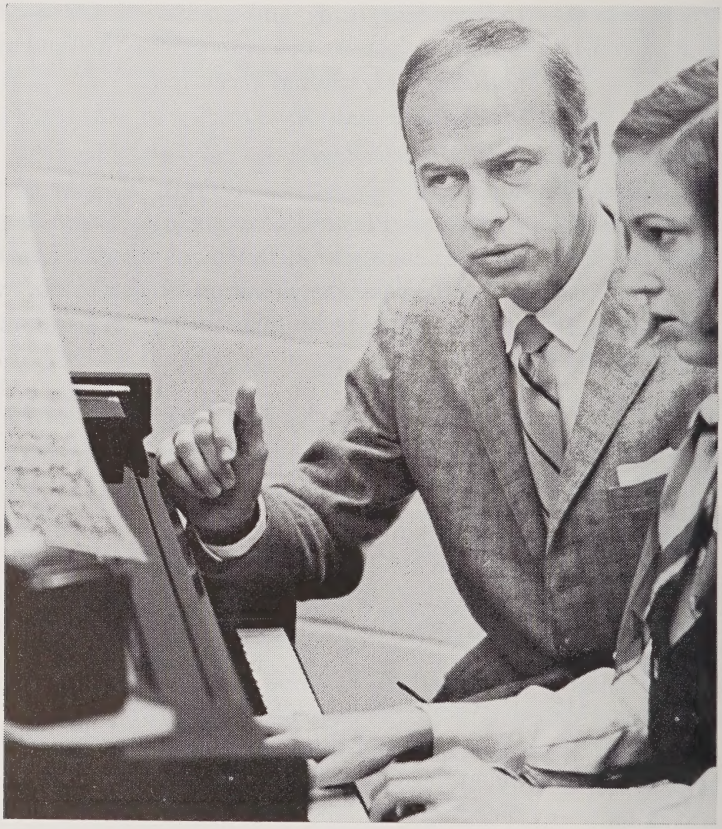
413-414 ADVANCED PIANO PEDAGOGY AND LITERATURE (2-2)
For use in teaching the more advanced student; comprehensive survey of the literature of the piano, with discussion of musicianship, technique, theory, and interpretation.
MR. LAMMERS 413 First Semester
414 Second Semester
Piano pedagogy majors should take Music 417-418 concurrently

415 CHORAL CONDUCTING AND ARRANGING (3)
Basic conducting techniques and choral arranging applied to the specific task of producing music with a choir.
STAFF First Semester
Prerequisite: At least one year of choir or chorus experience

416 INSTRUMENTAL CONDUCTING AND ARRANGING (3)
Techniques of score reading and orchestral conducting as developed from a study and understanding of fundamentals of orchestration; laboratory experience in conducting.
MR. SICA Second Semester

417-418 SUPERVISED STUDENT TEACHING IN PIANO (1-1)
Observation of piano teachers and supervised student teaching in piano at the elementary level.
STAFF 417 First Semester
418 Second Semester
Prerequisite: Music 313-314

450 ADVANCED STUDIES IN MUSIC (3)
Students who have displayed unusual interest and scholarship in some specific phase of music and have been approved by the faculty in music may pursue this interest under the guidance of an appointed faculty member.
STAFF Both Semesters



APPLIED MUSIC*

170, 180 Applied Music (For No Credit)
One half-hour private lesson in piano, organ, strings, or voice for some specified weeks and group instruction for other weeks. Attendance at lessons and satisfactory work are expected at all times. See fee schedule in section on financial information.

†171, 181 Private Instruction in Applied Music (1, 1)

†172, 182 Private Instruction in Applied Music (2, 2)

†173, 183 Private Instruction in Applied Music (3, 3)

††371, 381 Private Instruction in Applied Music (1, 1)

††372, 382 Private Instruction in Applied Music (2, 2)

††373, 383 Private Instruction in Applied Music (3, 3)

(a) Piano, (b) strings, (c) organ, (d) voice, (e) other: the general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation, and repertoire. Assignments to instructors are made by the chairman of the department, and students usually remain with the same instructor throughout the course of study. One hour of credit is given to students for each hour of daily practice during the semester. Students registered for two or three credits per semester receive 60 minutes of individual instruction for some specified weeks, and group instruction for the remaining weeks; students registered for one credit per semester receive 30 minutes of individual instruction for some weeks and group instruction for the others. Only applied music majors under the bachelor of music degree program may register for three hours of credit per semester. See fee schedule in section on financial information.

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†May be repeated for credit.

††Admission to upper level standing only by permission of music faculty or jury examination.

MUSIC CLASSES

51, 52 BEGINNERS PIANO CLASS (1, 1*)

Two weekly sessions of one hour each, in which classes are instructed in the beginning phases of piano playing. Elective for students with no previous training; regular practice required.

MRS. HARGETT Both Semesters

53, 54 INTERMEDIATE PIANO CLASS (1, 1*)

One weekly session of one hour, in which classes are instructed in the intermediate phases of piano playing; regular practice required.

MRS. HARGETT Both Semesters

61, 62 BEGINNERS STRING CLASS (1, 1*)

Two weekly sessions of one hour each, in which students are instructed in the beginning phases of violin, viola, and cello playing; regular practice required.

MR. SICA Both Semesters

63, 64 INTERMEDIATE STRING CLASS (1, 1*)

One weekly session of one hour, in which students are instructed in the intermediate phases of violin, viola, and cello playing; regular practice required.

MR. SICA Both Semesters

75 VOICE CLASS (1*)

Two weekly sessions of one hour each, in which students with little or no vocal training are instructed in the basic vocal principles, simple exercises, and songs; regular practice is required.

DR. CALDER Both Semesters

Required of all music education majors; should be taken as early as possible in the program of study. Open to any student. Grading is Pass/No Record for all students enrolled.

81-82 CONCERT CHOIR (1-1*)

Admission by audition only; repertoire includes works from the 15th century through the contemporary period.

DR. CALDER 81 First Semester
82 Second Semester

83-84 CHORUS (1-1*)

A choral organization for singers of average ability.

DR. CALDER 83 First Semester
84 Second Semester

85-86 ENSEMBLES: (a) PIANO (b) INSTRUMENTAL (1-1*)

(a) Work, discussion, and performance in the several aspects of the piano ensembles: duets, duo-pianos, vocal and instrumental accompanying.

(b) Work, discussion, and performance in chamber groups: sonatas, trios, quartets, beginning orchestra, or playing in the Charlotte Symphony.

STAFF (a) 85 (a) (b) First Semester
MR. SICA (b) 86 (a) (b) Second Semester

95 FUNCTIONAL PIANO CLASS (1)

Includes procedures and skills for proficiency in reading, harmonization, and transposition at sight; materials for teaching elementary and secondary school music.

MR. LAMMERS Both Semesters

Open to any student with sufficient background but designed particularly for students majoring in some aspect of public school music or piano pedagogy. The class will meet for one-hour sessions twice a week. Grading is Pass/No Record for all students enrolled.

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*Semester hours gained in courses marked with an asterisk may not be counted toward the 40 hours music concentration or the 120 hours for graduation under the A.B. program in music.

PHILOSOPHY

Associate Professor Shumaker; Assistant Professor Bradley.

Students in the department are trained to look upon life critically and sensitively through the process of reflective thinking. Philosophy touches many areas of the liberal arts; hence, its program is conceived broadly to provide links with the various elements of the general education program. Concentration provides a focus on the main ideas that have shaped Western and Oriental culture. Study may lead primarily to graduate work; however, it also provides a background applicable to a number of related practical fields such as literature and religion.

Concentration Philosophy 102, or 203, or 204; 205; 301; 302; 303; 305; and nine hours of other work in philosophy. Six hours of pertinent course work from another department is to be chosen in consultation with the major advisor.

Distributed Requirements Any course except Philosophy 205 will meet distributed requirement, Area III.

102 Readings in Philosophy (3)
Discussion of the writings of the great philosophers including Plato, Aristotle, Descartes, Kant and selected modern and Oriental philosophers with emphasis on critical and sympathetic reading to assist the student to develop a philosophy.
Dr. Shumaker Second Semester

203 Introduction to Philosophy (3)
Introductory study of the perennial questions of philosophy and the various systems of philosophy which have tried to answer them.
Dr. Shumaker First Semester

204 PHILOSOPHY OF RELIGION (3)
Introductory study of some of the major religious beliefs; development of a critical understanding of the nature of religion and such beliefs as God, freedom, evil, and the nature of man.
DR. BRADLEY Second Semester

205 ELEMENTARY LOGIC (3)
Special emphasis on scientific method and inductive method of problem solving; deductive logic is considered as a part of inductive problems; the emphasis is on practical problem solving.
DR. BRADLEY First Semester

301 HISTORY OF WESTERN PHILOSOPHY: PART I
ANCIENT AND EARLY MEDIEVAL (3)
Historical treatment of problems of philosophy with a focus on great ideas that have shaped the course of Western thought; development of these ideas traced in the writings of great philosophers; ending with late medieval movements towards humanism.
DR. BRADLEY First Semester

302 HISTORY OF WESTERN PHILOSOPHY: PART II
LATE MEDIEVAL AND MODERN (3)
Continuation of Philosophy 301; course begins with Peter Abelard and includes the ideas that have shaped the philosophy of modern Western cultures up to the 19th century.
DR. BRADLEY Second Semester
Prerequisite: 301 or permission of instructor

305 ETHICS (3)
Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, and right; consideration of problems in social ethics.
DR. SHUMAKER First Semester

308 Contemporary Philosophy (3)

Problems of philosophy in their modern setting; development of ideas that have shaped modern Western thought traced in the writings of some of the influential modern philosophers.

Dr. Bradley First Semester

Prerequisite: Three semester hours chosen from Philosophy 102, 203, or 301

309 Aesthetics (3)

Philosophical study of the nature of art, emphasizing the creative process and the aesthetic experience; discussion of art as a form of knowledge and of relation of beauty to art.

Dr. Shumaker Second Semester

323 Plato and Aristotle (3)

Study of the major writings of Plato and Aristotle.

Prerequisite: Philosophy 102, 203, or 204, or permission of the instructor

Alternate years; offered 1971-72

324 American Philosophy (3)

Study of the main philosophers and philosophies that have shaped American thought.

Dr. Bradley Second Semester

Prerequisite: Philosophy 102, or 203, or 204, or permission of the instructor

Alternate years; offered 1970-71

333 Studies in a World Religion (3)

Further study of a selected aspect or period of one of the major religions.

333a. Judaism

333b. Hinduism

333c. Buddhism

Prerequisite: Philosophy 303 or Religion 304, whichever is appropriate to the topic

Offered when there is sufficient demand

May be taken more than once if the subject is different.

425 SEMINAR IN PHILOSOPHY (3)

Study of topics of special interest, such as Chinese philosophy, philosophy of science, and Indian philosophy.

STAFF Both Semesters

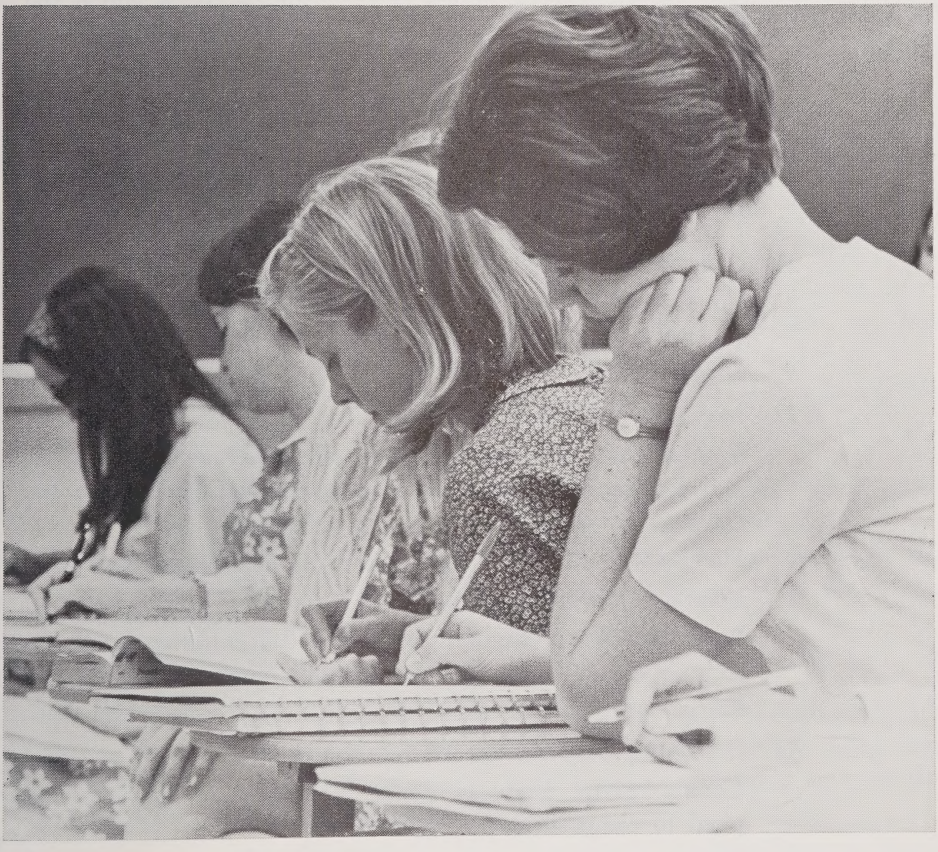
Prerequisite: Previous work in philosophy or senior standing

450 INDEPENDENT STUDIES IN PHILOSOPHY (3)

Independent investigation of a topic by means of a thesis or a program of directed readings.

STAFF Both Semesters

Admission by permission of the instructor



PHYSICAL EDUCATION

Assistant Professor Magher; Assistant Professor Pharr; Mrs. Gover.

The program emphasizes individual and dual activities. Through active participation in this program the student should acquire the skills and habits which will enable her to live a healthier and more active life.

Each student is required to complete four credit hours of physical education with a grade of Satisfactory (S). These courses must be taken by the end of the junior year. Recognizing the importance of particular activities in providing skills which will be basic to health and leisure time activities, the department offers a variety of opportunities from which the student may make selections according to her interests. Each student is required either to pass a competency test in swimming or to attend regularly at least one semester of swimming instruction.

The student is encouraged to elect activities in physical education beyond the college requirement.

21 Beginning Tennis (1)

Fundamental skills of tennis; history; rules and strategy of the singles and doubles game; course for the beginner.

Miss Pharr Three hours each week

22 Intermediate Tennis (1)

Emphasis on improving fundamental skills, advanced strokes, and techniques; singles and doubles competition within the class.

Miss Pharr Three hours each week

31 Beginning Modern Dance (1)

Basic concepts of rhythm and space; concentration on dance techniques, dance studies, and simple composition.

Staff Three hours each week

32 Intermediate Modern Dance Technique (1)

Comprehensive study of dance techniques as they are applied to composition.

Staff Three hours each week

33 CHOREOGRAPHY (1)

Compositions presented for analysis and critical appraisal; individually selected problems; emphasis upon form, style, and accompaniment.

STAFF Three hours each week

Prerequisite: Physical Education 31 or previous dance experience

34 DANCE PRODUCTION (½)

Experience in the production of a dance program.

STAFF Two hours each week

Prerequisite: Physical Education 31 or previous dance experience

35 FOLK, SQUARE, SOCIAL (1)

Folk, square, and social dances for students who will work in elementary education, recreation, and other related fields.

STAFF Three hours each week

36 TAP AND JAZZ (1)

Analysis of basic tap and jazz skills; basic concepts of rhythm and space.

STAFF Three hours each week

37 MOVEMENT FUNDAMENTALS (1)

Principles of body movement and their application to everyday living; activities for improving body alignment, coordination, relaxation, fitness, and rhythmic skills.

STAFF Three hours each week

41 ARCHERY AND FIRST AID (1)

Terminology, care, and selection of equipment; form in target shooting, practice at ranges from 15 to 50 yards.

Red Cross First Aid Certificate. Principles, practices, and procedures of accident prevention and safety; skills for care of the injured.

MRS. MAGHER Three hours each week

51 BEGINNING AND ADVANCED BEGINNING SWIMMING (1)

For the non-swimmer and beginner; basic safety skills, front crawl and elementary back stroke; opportunity to earn Red Cross certificates.

MRS. MAGHER Three hours each week

53 INTERMEDIATE SWIMMING (1)

Elementary back, front crawl, breast, side, and back crawl strokes, safety skills; opportunity for Red Cross certificate.

MRS. MAGHER Three hours each week

54 COMPETITIVE SWIMMING (1)

Racing strokes and competitive synchronized swimming, NCAA and AAU Rules.

STAFF Special schedule

55 SYNCHRONIZED SWIMMING (1)

Strokes, stunts, and skills: beginning through advanced level; creative experience in solo, duet, and team routines.

MRS. MAGHER Three hours each week

Prerequisite: Intermediate Swimming or higher level

56 DOLPHIN CLUB (½)

Membership by tryouts; performing group produces an annual water show.

MRS. MAGHER Two hours each week

57 SENIOR LIFE SAVING (1)

Provides the student with the knowledge and skills designed to save his own life or the life of another if the emergency arises; Red Cross certificate.

MRS. MAGHER Three hours each week

58 WATER SAFETY COURSE (1)

Increased knowledge, judgment, and teaching skill for training others; Red Cross certificate.

MRS. MAGHER Three hours each week

Prerequisite: Senior Life Saving

59 SMALL CRAFT (1)

Basic boating, canoeing, sailing, water skiing; terminology, safety techniques, problems, common errors and corrections.

MRS. MAGHER Weekend activity

61 BEGINNING GOLF (1)

Fundamentals of golf for the beginner; class plays a minimum of 18 holes on a regulation golf course per semester.

MISS PHARR Three hours each week

Fee: $12

62 INTERMEDIATE GOLF (1)

Intermediate and advanced golf techniques with emphasis on individual instruction; opportunity for playing experience; class plays nine to 18 holes per week.

MISS PHARR Three hours each week
Fee: $12

71 RIDING (1)

Instruction offered at three levels: beginners, intermediate, and advanced; qualified students may hunt by arrangement.

JUNE FISHER, Meadowbrook Stables Three hours each week
Fee: $60

81 BOWLING (1)

Terminology, selection of equipment, instruction in scoring, approach, delivery; tournament play and handicapping.

MRS. MAGHER Three hours each week
Fee: $15, Park Lanes Bowling Lanes

92 DUAL AND TEAM SPORTS (1)

Participation in indoor team and dual sports; fundamental skills in basketball, volleyball, badminton, and deck tennis.

MISS PHARR Second Semester
Three hours each week

93 T'AI-CHI CH'UAN (SELF DEFENSE) (1)

TCC is an ancient Chinese physical culture, the precepts of which rest on physiology and Taoism; central exercise is a rhythmic, legato form; self defense aspects of TCC will be studied.

Not offered 1970-71

94 TUMBLING AND FLOOR EXERCISE (1)

Basic tumbling, dance, and locomotor skills, and techniques combined in floor exercise routines; basic gymnastics.

STAFF Three hours each week

95 SKIING (SNOW) (1)

Taught by professionals at Beech Mountain, N. C., accompanied by Queens physical education instructor, January 1971. A fee will be charged which will cover equipment, instruction, lodging, four to five hours on slopes each day. Cost of meals not included. Offered only during Christmas holiday. Permission of parents or guardian required.

PHYSICS

Professor Oates.

In this department emphasis is upon the application of fundamental principles of physics to specific situations rather than upon formulae for solving classroom problems.

Distributed Requirements Physics 100, 101 or 103 will meet the requirement, Area IV.

*100 INTRODUCTION TO ASTRONOMY (3)
General survey of astronomy, including the development and a description of modern ideas about the universe; some of the methods and problems of astronomy.
DR. OATES Second Semester
Two hours lecture, two hours laboratory each week

*101, 102 GENERAL PHYSICS (4, 4)
Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.
DR. OATES 101 First Semester
102 Second Semester
Three hours lecture, three hours laboratory each week
Prerequisite: Elementary algebra and plane geometry; Physics 101 for Physics 102

*103 PHYSICS OF SOUND (3)
An elementary treatment of generation, propagation, and detection of sound; designed primarily for music majors, but should be of interest to anyone with some music background.
DR. OATES First Semester
Two hours lecture, two hours laboratory each week.

201, 202 MODERN PHYSICS (3, 3)
Study of some recent developments in physics, including atomic and nuclear structure, the quantum theory, solid state physics, and relativity; emphasis on mathematical techniques.
DR. OATES 201 First Semester
202 Second Semester
Prerequisite: Physics 102 or equivalent; Mathematics 201, 202 prerequisite or taken concurrently

*Course may be taken by seniors.

POLITICAL SCIENCE

Assistant Professor Syfert, Assistant Professor Kyle.

Courses provide an opportunity to examine man's use of power to order his social environment and to investigate aspects of power in human thought, institutions, and behavior. Concentration may lead to careers in government, law, newspaper work, and teaching; the opportunities for graduate study are extensive.

Concentration Political Science 451 and 24 additional semester hours in political science; Mathematics 206 and three additional semester hours, or six semester hours from economics, history, psychology, and sociology. Courses from these disciplines must be at the 300 or 400 level (except Mathematics 206), and approved by the department of political science prior to enrollment.

Superior students should consider participation in the Washington Semester Program in which as many as 15 semester credit hours may be earned while the student is at American University in Washington, D. C.

Distributed Requirements Any course in the department will meet the requirement, Area V.

201 American Politics (3)
Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court; political parties and pressure groups as actors in national, state, and local politics.
Mr. Syfert, Miss Kyle Both Semesters

306 Political Ideology (3)
Development and function of ideology in a political system; examination of contemporary fascist, socialist, communist, and democratic ideologies; new ideologies of emerging nations.
Mr. Syfert
Alternate years; offered 1971-72

307 Political Philosophy (3)

Nature of man, ideal and real states in the political theory of Plato, Aristotle, Machiavelli, Hobbes, Locke, J. S. Mill, and others; contrast between classical and modern traditions.

Mr. Syfert First Semester

Alternate years; offered 1970-71

308 Political Parties and Voting Behavior (3)

Function of parties in a political system; comparative party systems; mass and cadre parties, proposals for more "responsible" parties; political attitudes and voting behavior.

Miss Kyle Second Semester

Alternate years; offered 1970-71

313 The Constitution and the Court (3)

Historic interpretations of the American Constitution and major decisions in constitutional law; the Supreme Court and judicial decision-making; emphasis on the Warren court.

Mr. Syfert Second Semester

315 Congress and the Presidency (3)

Structure and functions of House and Senate, Executive Office and advisors; conflict and cooperation in domestic and foreign policy decision making.

Miss Kyle

Alternate years; offered 1971-72

323 Elements of World Politics (3)

Nature of man, nationalism, ideology, colonialism, nuclear weapons, collective security, and international organizations in world politics; emphasis on achieving a stable peace in a changing world.

Miss Kyle First Semester

402 Theories of World Politics (3)

Efforts to develop a theory of world politics; consideration of philosophic and empirical theory in the works of Spengler, Toynbee, Kaplan, Morganthau, others.

Miss Kyle

Prerequisite: Political Science 323 or permission of the instructor

Not offered 1970-71

406 Developing Political Systems (3)

Development of viable political systems in the emerging nations; problems of ethnicity, integration, ideology, attitude change, and political socialization in the development process; emphasis on Africa.

Mr. Syfert First Semester

408 Totalitarian and Dictatorial Politics (3)

Economic, psychological, and social basis of non-participatory politics; emphasis on political systems of Nazi Germany, Soviet Russia, Communist China, Nkrumah's Ghana.

Mr. Syfert Second Semester

410 Democratic Politics (3)

Economic, psychological, and social basis of participatory politics; emphasis on political systems of England, France, West Germany, Israel, and Japan.

Miss Kyle Second Semester

451 Research Methods in Political Science (3)

Seminar in the methodology of empirical research in political science, with emphasis on individual investigation into selected problems. Primarily for majors.

Miss Kyle First Semester

Prerequisite: Six hours in political science at 300 level or above

491 Independent Study (3)

Opportunity for independent investigation of a topic by means of a thesis or a program of directed readings; oral examination by department members.

Staff Both Semesters

Open to seniors with permission of the department

PSYCHOLOGY

Professor Joyce H. Shealy; Professor Harris; Assistant Professor Lanier.

The department emphasizes the development of an understanding of those factors which are important in determining human behavior. Introductory courses give background for relating psychological principles to other areas or for individual study. Upper level courses provide opportunities for further work in areas of special interest. Training is provided in the subject matter of the field and in the techniques of data quantification and analysis which form the basis for graduate work in psychology, the social sciences, and related fields. Concentration may lead to careers in personnel work, business, social work, and similar positions.

Concentration Psychology 201, 203, 206, 313 or 314, 401, 402 and at least 15 additional hours in the department as approved by the major advisor. Mathematics 206 is required for a psychology major. Biology 106, Mathematics 102 or 105, and Philosophy 203 are recommended.

Work in psychology is usually begun in the sophomore year. Freshmen who have had the recommended courses may elect work in the department.

Distributed Requirements Any course in the department will meet the requirement, Area V.

Prerequisite Psychology 201 is prerequisite to all courses in the department.

201 General Psychology (3)
Survey of the field of psychology emphasizing the results of scientific investigations in the area of human behavior.
Dr. Lanier, Dr. Shealy Both Semesters
Three hours lecture and one hour demonstration per week

203 General Psychology Laboratory (1)

Beginning study of techniques and procedures of psychological research.

Dr. Lanier Both Semesters

Three hours laboratory per week
This course and Psychology 201 should be taken concurrently.

206 Psychological Statistics Practicum (1)

Application of statistical methods to psychological data.

Dr. Lanier Both Semesters

Prerequisite: Psychology 201
This course must be taken concurrently with Mathematics 206.

303 Social Psychology (3)

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

Dr. Shealy First Semester

Prerequisite: Psychology 201
This course may be taken for credit in sociology.

304 Abnormal Psychology (3)

Study of the deviant individual from both the dynamic and behavioral viewpoints; diagnosis, etiology, treatment, and prevention of maladaptive behavior.

Dr. Harris Second Semester

Prerequisite: Psychology 201

308 The Exceptional Child (3)

Study of the psychological problems of children who deviate from normative patterns of growth and development.

Dr. Harris First Semester

Prerequisite: Psychology 201

309 Child Psychology (3)

Study of developmental processes from conception to puberty, with emphasis on theory, principles, and recent research.

Dr. Harris Both Semesters

311 Psychological Tests (3)

Introductory study of principles of test evaluation and interpretation; consideration of examples of the major types of psychological tests in reference to these principles.

Dr. Shealy Second Semester

Prerequisite: Psychology 201

313 Experimental Psychology:
Sensation and Perception (4)

Application of experimental methods to problems in sensation and perception, and in acquisition of motor skills; consideration of research methodology and experimental design.

Three hours lecture and three hours laboratory per week
Prerequisite: Psychology 201, 203, 206, and Mathematics 206
Not offered 1970-71

314 Experimental Psychology: Learning (4)

Survey of empirical findings on respondent and operant conditioning; critical examination of historical and contemporary learning theory.

Dr. Lanier Second Semester

Three hours lecture and three hours laboratory per week
Prerequisite: Psychology 201, 203, 206, and Mathematics 206

319 Psychology of Adolescence (3)

Study of developmental processes from puberty to maturity, stressing theory, principles, and recent research.

Dr. Harris Both Semesters

401 Advanced General Psychology (3)

Consideration of the major areas of psychology from classical positions through contemporary viewpoints and research.

Dr. Shealy First Semester

Prerequisite: Psychology 201

402 Theory of Personality (3)

Survey of selected personality theories, consideration of their adequacy in describing and explaining human behavior patterns, and their relevance to present day culture.

Dr. Harris First Semester

Prerequisite: Psychology 201

412 PHYSIOLOGICAL PSYCHOLOGY (3)

Introduction to the nervous system and internal environment and their effects upon behavior; normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation.

DR. LANIER Second Semester

Prerequisite: Psychology 201

449, 450 INDEPENDENT RESEARCH (1, 3)

Opportunity for independent investigation of topics by means of readings and/or experimentation; first semester devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second semester, to collecting the data and writing a report.

STAFF Both Semesters

Prerequisite: Psychology 201 and permission of the department; also, Psychology 449 prerequisite to Psychology 450

451 SEMINAR IN PSYCHOLOGY (1, 2 or 3)

Seminar dealing with areas of psychology not covered in the regularly scheduled courses.

STAFF Second Semester

Prerequisite: Psychology 201 and permission of the instructor
Offered when there is sufficient demand

RELIGION

Professor Wright; Associate Professor Jacks.

College study in religion should increase a student's awareness of man's perennially urgent questions in their varied forms. Courses in this department are planned to help the student grasp the meaning of a religious heritage and assess more intelligently the religious choices which individuals and society continually make.

Training and perspective gained in this field can enhance any vocation. The student planning graduate work in religion, or intending to enter a church-related position, may either concentrate in religion or support another major field by electives in this department.

Concentration Religion 103, 205, 206, 303, 304, 315, 445, and at least nine additional hours from religion courses numbered 300 and above, as approved by the major advisor.

Distributed Requirements The distributed requirement in religion, Area III, is fulfilled by any course at the 100 or 200 level.

103 INTRODUCTION TO THE STUDY OF RELIGION (3)

To develop awareness of the nature of religion, of some basic religious issues, and of methods for studying religion, through the reading of selected works.

DR. WRIGHT, DR. JACKS Both Semesters

205 THE OLD TESTAMENT (3)

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people of Israel as seen in the Old Testament.

DR. JACKS First Semester

206 THE NEW TESTAMENT (3)

The history, literature, and faith of the early Christian community as seen in the New Testament.

DR. JACKS Second Semester

Students intending to take six hours in Bible should enroll in 205 prior to 206.

303 World Religions, I: The Orient (3)

Survey of Asian cultures and the systems of thought that have made lasting impression on the Orient; study of some of the major ideas that have influenced the development of Oriental religions and philosophy.

Dr. Jacks First Semester

304 World Religions, II: Near East and West (3)

Interpretive study, both historical and contemporary, of Judaism, Islam, Communism, and Western humanisms; examination of the situation and response of Christian faith in the midst of religious pluralism.

Dr. Wright Second Semester

May be taken for credit in philosophy; combined with Philosophy 303 this course provides a year's study of world religions.

306 Prophetic Religion (3)

Prophetic movement in Israel; intensive work with selected major prophets in historical and literary context.

Dr. Jacks

Alternate years; offered 1971-72

309 The Writings of Paul (3)

Paul's life and teachings in the context of first century Judaism and Hellenism.

Dr. Jacks Second Semester

Alternate years; offered 1970-71

311 Jesus in the Gospels and in Present-Day Thought (3)

An endeavor to understand and interpret the life and person of Jesus; the records concerning Jesus in the four gospels; Christological material in other New Testament books; introduction to a cross-section of present-day thinking on the significance of Jesus.

Prerequisite: A college course including the Synoptic Gospels, or preparatory reading and permission of the instructor

Not offered 1970-71

315 Christianity as an Historical Movement (3)

History of Christian life and thought in their interaction with changing cultural contexts, from origins through the 16th century; study of several major Christian figures; the theological question of the meaning of history.

Recommended: Some prior work in history and in biblical study
Alternate years; offered 1971-72

320 Contemporary Views of Man (3)

Divergent ways—Christian and other—in which the nature of man is currently interpreted; ethical and religious dimensions of the various views.

Dr. Wright Second Semester

323 Religion in Contemporary American Society (3)

Introduction to recent developments and discussions relating to religious communities, illuminating the religious situation in America; critical study of traditional forms and of newer movements. Study is composite, drawing from sociology of religion, social ethics, history, and theology.

Mrs. Crosthwaite Second Semester

330 Studies of Major Christian Thinkers (3)

Historical context, biography, writings, and continuing impact of a significant individual Christian, past or present.

330a: Augustine 330d: Tillich
330b: Luther
330c: Kierkegaard (Offered 1970-71)

Dr. Wright First Semester

A subtitle will be used to indicate the author each time the course is offered. May be taken more than once with different subtitles.

445 Modern Christianity (3)

Intensive reading and discussion of selected works from contemporary theologians; readings include Schleiermacher, Kierkegaard, Buber, Barth, the Niebuhrs, Bonhoeffer. Brief back-

ground survey from 16th to 19th century to trace main trends leading into the present.

DR. WRIGHT First Semester

449, 450 INDEPENDENT STUDY IN RELIGION (1, 2 or 3)

A project of directed readings or research in the field of religion. In 449 the problem is formulated and the work planned; in 450 the student executes the project. Written report and oral examination by the department.

STAFF 449 First Semester
450 Second Semester

Prerequisite: Nine hours in religion, and permission of the department chairman; 449 is prerequisite to 450.

SECRETARIAL PRACTICE

Assistant Professor West.

Courses in secretarial training are planned for students who wish to supplement their academic programs with skills in typing and shorthand.

201 TYPING (2)

Training in the touch system of the keyboard; introduction to tabulation, manuscripts, and letter styles; building of typing speed; accurate production of business forms and statistical tables.

MRS. WEST Both Semesters

Scheduled for either one hour per day for seven weeks (offered twice each semester) or for three hours per week throughout the semester. This course is conducted on a Pass/No Record basis for all students enrolled.

211-212 ELEMENTARY SHORTHAND (3-3)

Development of a writing knowledge of Gregg shorthand to a minimum sustained note-taking speed of 80 words per minute on new material with 95 percent accuracy in transcription.

MRS. WEST 211 Both Semesters
212 Second Semester

These courses are also offered as a six semester hour capsule-course second semester.

311, 312 ADVANCED SHORTHAND AND SECRETARIAL PRACTICE (3, 3)

Building of minimum sustained note-taking speed on new material to 110 words a minute and production of commercially acceptable transcripts; correlation of all phases of secretarial work, office management and procedures, uses of office equipment, and secretarial personality development.

MRS. WEST 311 First Semester

Prerequisite: Secretarial Practice 211-212 or equivalent
312 not offered 1970-71

SOCIOLOGY

Associate Professor Pearson; Assistant Professor Wolf

The department of sociology has planned its courses to assist the student to improve her understanding of herself in relation to her associates and to acquire conceptual tools with which to analyze a society and contribute effectively to her own. Concentration in sociology also establishes a basis for graduate study and gives a pre-professional introduction to social work. The educational experience of sociology should prove valuable to the student in her home, her community, and any pursuit in which an understanding of human relations is important.

Concentration Twenty-seven semester hours in sociology including 203, 210, 340, 449, 450 and six additional semester hours from among the following: political science, psychology, history and economics (excluding 305). Mathematics 206 is required for a sociology major.

Distributed Requirements The requirement, Area V, may be met by any course in the department except sociology 309, 449, or 450.

Prerequisite Sociology 203 is prerequisite to all courses in the department except 302 and 313.

203 Principles of Sociology (3)
Basic concepts and principles of sociology; relationships and meaning of culture, society, personality, and interaction; analysis of group structure and social organization.
Dr. Pearson Both Semesters

204 Social Issues and Problems (3)
A sociological consideration of critical issues in contemporary society as reflected in the major institutions; factors in mental disorders, drug addiction, sexual deviancy, and suicide will also be considered.
Mr. Wolf Both Semesters

210 Contemporary Sociological Theory (3)

Development of contemporary views of society as reflected in the works of major theorists, with emphasis on influential contributions to the development of modern sociology.

Dr. Pearson First Semester

302 The Family in Society (3)

Dual emphasis on study of the general history of the human family as a social system, and examination of the contemporary family in the United States; preparation for marriage and family life.

Not offered 1970-71

303 Social Psychology (3)

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

Prerequisite: Psychology 201
This course may be taken for credit in sociology or psychology.
Not offered 1970-71

308 Minorities in American Society (3)

Changing patterns of racial and ethnic group relations, with special emphasis on Negro-White trends. Information concerning biological, cultural, and social aspects.

Mr. Wolf Second Semester

309 Introduction to Social Work (3)

Pre-professional survey of social service agencies; types of social work settings; standards of social work; introduction to methods of casework, group work, and community work.

Staff First Semester

313 Cultural Anthropology (3)

Comparative study of culture with emphasis on preliterate societies; past and present variation of man and culture. Factors in stability and change and relation of culture to personality.

Dr. Pearson First Semester

316 Women in Society (3)

Social status of women and their roles in the societies in various parts of the world; responsibilities and opportunities

of women in contemporary society; requirements for their maximum personal and social fulfillment.
Not offered 1970-71

318 CRIME AND DELINQUENCY (3)
Sociocultural approach to the nature, detection, causes, treatment, and prevention of delinquency and crime.
STAFF First Semester

325 URBAN SOCIOLOGY (3)
A study of city life in contemporary American society; interrelationships of urbanization, population growth and ecology; emphasis on social statics and social dynamics.
MR. WOLF Second Semester

340 SOCIAL STRATIFICATION (3)
An examination of important empirical findings and theories for the analysis of systems of social stratification; the interaction of class, status and power, consequences of class differences in modern America.
DR. PEARSON Second Semester

425 DIRECTED INDIVIDUAL STUDY (1, 2, or 3)
Independent study of approved problems or projects within the social sciences for which no specific course is offered.
STAFF
Open to senior sociology students; and, with permission of the instructor, to other upper classmen. Offered when demand is sufficient.

449 SENIOR SEMINAR (3)
Development and present status of sociological theory; advanced study for seniors concentrating in sociology; emphasis on independent work under the professor's guidance with reports discussed in seminar.
DR. PEARSON First Semester

450 SENIOR SEMINAR (3)
Advantages and limitations of various types of research design: quantitative-statistical; qualitative-descriptive; case history analysis; exploration methods; projects in research.
DR. PEARSON Second Semester
Prerequisite: A course in basic statistics

HONORS PROGRAMS

The Queens College Honors Program is designed for the academically talented student to provide her with as high a degree of freedom and individual challenge as she is capable of accepting.

Each year all rising sophomores, juniors, and seniors whose cumulative grade point average is 2.000 or higher, are designated "Eligible for Honors." All students designated "Eligible for Honors" are encouraged to take advantage of some aspect of the Honors Program. The student is assisted in developing her honors program by her advisor or a member of the Honors Committee.

Freshman Honors Students

A limited number of incoming freshmen are selected by the Honors Committee as Honors Students. Although the Honors Program in its fullest sense does not begin until the sophomore year, these freshmen Honors Students attend special sections of the Concepts in Communication Writing Laboratory designated English 101-102H.

In-Course Honors

Any student designated "Eligible for Honors" may pursue intensive research in courses described by each department as acceptable for in-course honors. Successful completion of in-course honors will add one semester hour of honors credit to the number of credits regularly earned in the course.

Honors Colloquium

From those sophomore and junior students designated "Eligible for Honors," a selected group participates in the Honors Colloquium each year. The colloquium offers the student the opportunity for free discussion, reading, analysis, and research centered on an interdisciplinary topic of contemporary interest.

Directed Reading

Juniors and seniors designated "Eligible for Honors" may undertake intensive programs of directed reading. The student submits to the Honors Committee a proposal planned with an individual professor and approved by the department in which she intends to do the Directed Reading. This proposal

must be accepted by the Honors Committee by the close of the semester preceding the one in which she intends to do her work. Directed Reading is taken for a designated number of credit hours.

Independent Study

All juniors and seniors designated "Eligible for Honors" may undertake independent study. The student submits a proposal for research which has the approval of her research advisor. The proposal must include the topic of the research, a brief statement of the origin and relevance of the topic, a description of methods of approach as then evident to the student, and a bibliography. The topic and preliminary material are to be filed by the research advisor with the chairman of the Honors Committee by the close of the semester preceding the beginning of the project. Independent study is taken for a designated number of credit hours.

Graduation with Honors Thesis

The student who wishes to graduate "With Honors Thesis," must be designated "Eligible for Honors," and have completed a minimum of five semester hours of honors credit or have permission of the Honors Committee to begin work on her thesis. The writing and the oral defense of the thesis are the culmination of a concentrated program of original research. As a basis for an honors thesis, a research program planned by the student in the spring of the junior year and approved by a thesis advisor is submitted to the Honors Committee. Upon approval of the research program by the committee, the student may enroll in HON 490-491.

In the spring of the senior year, the student is required to make an oral defense of the thesis before an examining committee. The student successfully completing this program is graduated with the phrase, "With Honors Thesis," printed on the diploma.

Graduation with Honors

The titles *summa cum laude, magna cum laude,* and *cum laude* are awarded by the administration upon the recommendation of the Honors Committee and approval of the faculty. The title *summa cum laude* is awarded to students who have a grade point average of 2.85, and to students who have successfully completed an Honors Thesis and have a grade

point average of 2.75; the title *magna cum laude,* to students who have a grade point average of 2.65; and the title *cum laude* to students with a grade point average of 2.50.

SPECIAL HONORS

Dean's List Full-time degree candidates are named to the Dean's List if they achieve a quality point average of 2.50 or higher.

Marshals Marshals are selected on the basis of scholastic averages. The chief marshal is the junior with the highest average; and the other six marshals are the next two juniors, the sophomores, and freshmen maintaining highest averages in their respective classes. Marshals serve at all formal academic occasions.

HONORS COURSES

ENGLISH 101-102 SECTION H (2-2)
Open to Freshman Honors Students.

IN-COURSE HONORS (1)
Open to sophomores, juniors, and seniors.
May be repeated for credit.

HON 300: HONORS COLLOQUIUM (3)
Open to sophomores and juniors by invitation from the Honors Committee.

DIRECTED READING (1 to 3)
Open to juniors and seniors, under the direction of the department involved, with the approval of the Honors Committee. Course numbers used are those of individual departments. May be repeated for credit.

INDEPENDENT STUDY (1 to 4)

Open to juniors and seniors, under the direction of an individual professor with the approval and joint supervision and evaluation of the Honors Committee. Usually numbered 450; however, course numbers may vary with departments. May be repeated for credit.

HON 490-491: SENIOR HONORS THESIS (4 to 6)

Open to seniors, under the direction of an individual professor, with the approval and joint supervision and evaluation of the Honors Committee.

SPECIAL PROGRAMS

Washington Semester

Through a cooperative arrangement with the American University, two Queens students are selected annually to spend one semester in Washington, D. C., for a study of American National Government in Action. The study is carried out through a seminar on Government in Action, an individual research project, and regular courses at the American University. To be eligible for participation the student must have completed Political Science 201 and have a quality point average of 1.600 or above. Application should be made to the chairman of the department of political science.

Pawleys Island Marine Biology Program

The department of biology offers a four-week summer session in marine biology at Pawleys Island, South Carolina. The instructors are full-time members of the college faculty. In addition to the usual laboratory facilities and equipment, the college maintains a 28-foot boat for offshore collecting. Advanced students may undertake independent studies in the marine field.

On-campus Summer Programs

Queens operates a limited summer program and a May Term primarily for students registered in the regular sessions of the college.

Also the college has developed a summer program of liberal arts offerings to meet the needs of experienced teachers. The courses are open only to college graduates.

Continuing Education

Queens College sponsors a program of continuing education. This activity is the college's response to the recognition that opportunities in higher education should be available to members of the community who are no longer of college age but who wish to continue particular study. The college admits as special students those who are studying in formal course areas either toward a degree or for developing particular interests. There are certification renewal courses for teachers and courses in cultural enrichment. A special program in insurance extends the services of the college to the business community.

Charlotte Area Educational Consortium

Queens College participates in the Charlotte Area Educational Consortium. Through cooperative efforts the educational resources of the participating colleges and universities within the area are available to member colleges. Faculty and student exchange programs are undertaken, increased library interchange of materials is made possible, and jointly sponsored specialized programs are being developed.

Queens European Program

Queens College offers, during the summer period, a program of study and travel in Europe. This program is developed through arrangements with the Institute of European Studies. Participants must have a C average, prerequisites are in art, music, and history, and enrollment is limited to 30. Students participating attend a series of informal seminars during the second semester of the college year in preparation for the summer study.

At the beginning of the summer, a three to five-week guided tour of selected cities in Europe, with lectures by European professors, provides background for the period of formal study. The formal course work with college credit taken in the Institute of European Studies at the Kimsky Palace, Vienna, Austria, continues for five weeks. The particular courses offered

are selected from areas in music, art, foreign languages and history. These courses are announced early in the college year. Students may take a maximum of six semester hours credit during the summer program. Cost of the guided tour, transatlantic travel, and study in Vienna is approximately $1900.

Inquiries regarding the program should be addressed to the chairman, Queens European Program, Dr. George A. Stegner.

International Education

During the regular session, students who qualify may elect to study abroad under selected programs offered American college students. To qualify a student must have at least a C average and must be approved by the faculty committee on International Education, in consultation with the deans and the major advisor.

Qualified students may elect to participate in a one-semester program of the Experiment in International Living. The faculty committee on International Education in consultation with major advisors supervise programs of participating students.

Contemporary Affairs

Queens offers a series of interdisciplinary seminars on contemporary affairs primarily for sophomore students. Subjects are announced annually. (See *Interdisciplinary Studies* in the section of the catalogue on the academic program.)

3

FINANCIAL INFORMATION

GENERAL AND SPECIAL FEES

Fees

While the Board of Trustees reserves the right to adjust the fee schedules at Queens at any time, the following fees have been established for 1970-71.

The comprehensive fees for regular full time students registered for 12 or more semester hours cover the two semesters in the academic year.

Resident Students

Comprehensive Fee for 1970-71 — $3,000.00

Includes tuition, infirmary, and other services, double room dormitory accommodations, and meals in the college dining room except during Thanksgiving recess, Christmas vacation and spring recess when the dining room and dormitories close.

Commuting Students

Comprehensive Fee for 1970-71 — $1,600.00

Includes tuition, infirmary, and other services.

Student Activities Fee

For resident and commuting students — $70.00

Part-Time Student Fees

Students registered part time (for more than two major courses totaling seven to eleven semester hours) pay tuition at $55 per semester hour and the student activity fee.

Part-time students registered for six semester hours or less do not pay the student activity fee.

Special Fees

For certain services the college charges additional fees.

Non-refundable Application Fee	$15.00
Late Registration Fee	15.00
Post-registration Course Change Fee	3.00
Diploma Fee, including rental of cap, gown and hood	15.00
Transcript Fee	1.00
Placement Dossier Fee	1.00
Single dormitory accommodation (per semester)	75.00

In lieu of the contingency fee, the college reserves the right to assess students for any unnecessary property damage.

Course Fees Per Semester

Art	
Studio Fees	$10.00-15.00
Education	
Student Teaching (442, 444)	40.00
Physical Education	
Bowling	15.00
Golf	12.00
Horseback Riding	60.00

Applied Music	Full-Time Students	Part-Time Students
Weekly, half hour private music lesson	$37.50	$75.00
Additional weekly, half hour private music lesson	no charge	55.00
Practice studio rental	5.00	15.00
Instrument rental	5.00	15.00
Organ practice	10.00	25.00

A separate fee schedule for the non-college applied music program may be obtained from the department of music.

REGULATIONS REGARDING PAYMENTS

Upon signing the application for admission, the parent or guardian, or the applicant if not a dependent, accepts as binding and contractual all fees and regulations set forth in the catalogue.

Payment for Academic Year

All fees for the academic year are charged at the time of registration at the beginning of the first semester. Payments must be made for the full year or alternate arrangements made with the treasurer to pay the account according to a deferred payment schedule.

Fees for Attending One Semester

Students registering for one semester only are charged fees for that semester.

General Information Concerning Fees

A student is not permitted to attend classes or take final examinations until satisfactory arrangements have been made to meet all financial obligations. Diplomas, certificates, and transcripts are granted only when the students' accounts have been

paid in full. Where a note is proffered, it is accepted with the understanding that the account is not considered settled until the note is paid.

No discount or scholarship award may be applied against the $150 initial payment.

Students who withdraw from the college during the academic year on their own initiative will be charged for the full semester during which they withdraw. Students suspended by the college for other than academic reasons are responsible for paying fees for the full year.

All payments and communications concerning business transactions should be addressed to the treasurer, and checks should be made payable to Queens College.

Deferred Payment Schedule

The college offers the following deferred payment schedule for students registered for 1970-71:

Dates Due	Resident Student	Commuting Student
May 1 —New Students, Non-refundable Reservation Deposit	$ 150.00	$ 50.00
May 31—Returning Students, Non-refundable Reservation Deposit	150.00	50.00
August (on entrance)—General Fee	1,050.00	625.00
Student Activity Fee	70.00	70.00
November 10—General Fee	600.00	310.00
January 10—General Fee	600.00	310.00
March 10—General Fee	600.00	305.00

Education Funds, Inc.

Queens participates in the program of Education Funds, Inc., Providence, Rhode Island 02901. This organization specializes in financing education so that parents who wish may meet academic expenses through monthly payments rather than in a few large payments. Education Funds, Inc. pays the student's tuition and other fees for the year and parents repay in eight or twelve monthly installments. This insurance program carries life and disability coverage for qualified parents.

OTHER EXPENSES

Books and Miscellaneous The cost of books and supplies varies with the courses taken, but the average expense is $100.00 a year. A substantial amount should be on hand at registration.

Non-College Non-college expenses such as travel, clothing, entertainment, and incidentals vary according to individual student needs. Students entering social and honorary sororities incur additional costs for initiation, dues, and special assessments.

Laundry Laundry is not included in the general fee. The college offers facilities for handling laundry efficiently and economically at the expense of the student. Student linen service is available for anyone wishing service deliveries to the dormitories once a week. Coin operated washing machines and driers are provided for students to do their own laundry.

Student Property The college exercises every precaution to protect student property but it is not responsible for any loss which may occur.

Health Service The college maintains an infirmary where graduate nurses are on duty and where the college physician holds clinics twice a week. Fees for special visits and consultation outside of the clinic hours, as well as the cost of special medicine, are paid by the students. If the physician recommends hospitalization, all expenses are paid by the student.

FINANCIAL AID

Financial assistance is available at Queens College for students of ability who have special financial needs. Every effort is made to assist as many qualified students as possible with the limited funds which are available through programs supported by the federal government and the college.

Types of Assistance

Assistance awards are normally made up from funds drawn from one or several of the following programs.

Federal Programs

The College Work-Study Program assists qualified students of demonstrated need to meet their educational expenses through employment by working up to 15 hours per week at a specified hourly rate.

The National Defense Student Loan Program permits students in good standing to borrow as much as $1,000 a year (not to exceed $5,000) to underwrite their education. Repayment begins nine months after the borrower ceases to be a full-time student and may extend over a period of ten years. These loans bear a 3% annual interest rate. If the borrower becomes a full-time public school teacher, up to half of the loan may be forgiven at the rate of 10% for each year of teaching. Teachers of underprivileged children may qualify for cancellation of the entire loan obligation at the rate of 15% for each year of teaching. A borrower serving in the Armed Forces, the Peace Corps, or Vista may defer payment up to three years.

Educational Opportunity Grants are available to a limited number of undergraduate students with exceptional need. These grants range from $200 to $1,000 a year and may make up one-half of a recipient's total assistance program.

The Guaranteed Loan Program permits students from middle or upper-income families to borrow from a bank or other financial institution, with a federal government guarantee of repayment, as much as $1,000 a year. Terms of the loan and of guaranteed interest arrangements may be obtained from participating banks or state agencies in the state where the

student resides. The college certifies enrollment and cooperates with the student in obtaining the loan.

Queens Programs

College Grants are available to full-time degree candidates with exceptional need. The amount of the grant is determined by the financial need of the student. Upperclassmen must maintain a 1.000 cumulative quality point average to maintain eligibility.

Dana Scholarships are available to sophomores, juniors, and seniors with superior academic records and demonstrated leadership capacities in the college and community. Approximately 15 students from each of the three upper classes are annually chosen for these awards which range from $100 to a maximum of $1,900, depending upon established need.

Departmental Scholarships of varying amounts are available to a limited number of students with outstanding achievement in specialized areas. These awards are granted on the recommendation of the department concerned. Recipients are chosen on the basis of academic background, achievement, and promise and may receive awards up to $1,600. Departmental Scholarships are presently available in the areas of biology, chemistry, and music.

A National Merit Scholarship is offered each year to one National Merit finalist who desires to attend Queens.

Remission of Tuition in the amount of $350 is available to children of ministers of the Presbyterian Church, U. S., in the Synods of North or South Carolina.

Scholarship and Grant Regulations

All financial aid programs are administered by the director of student aid on behalf of the faculty Committee on Student Qualifications. In awarding financial aid, the following criteria are considered:

1. Demonstrated ability and seriousness of purpose.
2. Financial need as determined by the College Scholarship Service.
3. The applicant's intent to graduate from Queens.

Students receiving aid under certain programs are expected to assume particular obligations and responsibilities. The recipients of college grants, Dana Scholarships, Departmental Scholarships, and College Work-Study Awards are assigned weekly work responsibilities at the college. Such responsibilities are based on the amount of aid received and the needs of the college.

Recipients of college grants and scholarships are expected to complete their baccalaureate program at Queens. All college grants and scholarships convert to loans repayable at the National Defense Student Loan rate of interest if the recipients withdraw voluntarily from Queens.

Recipients of financial aid awarded more than token grants may not possess automobiles while they are students at Queens College.

Queens reserves the right to review a student's financial aid program and modify amounts granted by the college should the student receive financial aid from other sources after Queens' program has been offered.

In order to qualify for a college grant, an applicant must have been admitted to the college as a full-time degree candidate; or, if an upperclassman, be a full-time student with at least a 1.000 cumulative quality point average.

Recipients of financial aid must reapply for assistance each year. Renewal of aid programs is not automatic.

Recipients of financial aid who withdraw during the school year will have their financial aid programs prorated according to the regulations governing withdrawal.

Application Procedures

To apply for financial assistance, an entering student must complete the Queens College Application for Financial Aid and return it to the Admissions Office, Queens College, Charlotte, North Carolina 28207. Incoming students must also complete the Parents' Confidential Statement and submit it to the College Scholarship Service, P. O. Box 176, Princeton,

New Jersey 08540. Parents' Confidential Statement forms may be obtained from the applicant's high school guidance office, College Scholarship Service, or Queens.

Returning students seeking financial aid must maintain a 1.000 cumulative quality point average, retain good standing at the college, and apply annually. The Parents' Confidential Statement and the Queens Application for Financial Aid must be submitted each year so awards may be based on current analysis of financial need.

To apply for a loan, the student need complete only the Queens College Application for Financial Aid.

Application for financial aid must be submitted by February 1 by both entering and returning students.

Named Scholarships

Scholarship funds have been established by friends of Queens College in honor of the following persons, groups, and businesses. Proceeds from these funds underwrite a portion of the college's grant program.

Robert C. and Sadie G. Anderson
Katherine Cramer Angell
Mr. and Mrs. William H. Barnhardt
The Belk Brothers
The Ann Everett Belk
Mary Henry Belk, Memorial
Dr. Andrew Blair, Memorial
Elizabeth Blair, Memorial
Dorothy Brown
Sara Doll Burgess
Samuel C. and Wilhelmina C. Byrd
Mr. and Mrs. Martin L. Cannon
Sallie McAlister Carson
Charlotte-Mecklenburg Alumnae
The Charlotte Observer
The Charlotte Panhellenic Congress
Pattie Morris Cole
Katie Moore Rankin Cunningham
Mr. and Mrs. J. H. Cutter
Selene Hutchison Dalton
Dalton-Hutchison, Memorial
Charles A. Dana
Dorsett-Johnson
Eloise Butt Dowd
W. Carey Dowd, Jr.
Dr. and Mrs. R. A. Dunn
The Efird Brothers
The Frazer Foundation
Mr. and Mrs. Peter S. Gilchrist
Mrs. A. D. P. Gilmour

Jane Parks Grey
Jane Rea Grey
Lula Jane Grey
W. M. and Kate Cleveland Hagood
Minnie Olive Harry, Memorial
Betty Hutchison
C. E. Hutchison
Susan Nye Hutchison
Mr. and Mrs. J. B. Ivey
Jerry Jernigan, Memorial
C. W. Johnston
Emma Lilian Keigwin
W. S. Lee, Memorial
The Lethco Memorial
Lily Long (Alumnae)
Joe and Emily Lowe
W. T. McCoy, Memorial
Emma Gold McPheeters
Ettie Aydlett Minor
Kathreen M. Minor
W. T. Minor, Sr.
Charles E. Neisler, Memorial
Gertrude M. Norman
Mr. and Mrs. J. M. Oldham
Mr. and Mrs. David Ovens
Laura Janette Quattlebaum
Eloise Rankin
Abbie Tuttle Robinson
Mr. and Mrs. Frank O. Sherrill
Mr. and Mrs. J. Luther Snyder
Loma Squires
Charles H. and Clara McKay Stone
Mr. and Mrs. R. L. Stowe
W. Z. Stultz
J. D. Swinson
Ufford-Northrop

Named Loan Funds

The following loan funds have been established by friends of the college.

Albert Grady Harris
Lily Long, U. D. C.
Mackorell
Panhellenic
James T. Porter
Signers Chapter of D. A. R.

4

DIRECTORIES

BOARD OF TRUSTEES

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The Rev. Cliff H. McLeod *(Synod of S. C.)*, Sumter, S. C.

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Term Expires 1972

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George W. Dowdy *(Trustees)*, Charlotte, N. C.

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H. F. Kincey *(Trustees)*, Charlotte, N. C.

J. Mason Wallace, Jr. *(Synod of N. C.)*, Charlotte, N. C.

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James J. Harris *(Trustees)*, Charlotte, N. C.

Benjamin S. Horack *(Synod of N. C.)*, Charlotte, N. C.

The Rev. Fred V. Poag *(Synod of S. C.)*, Spartanburg, S. C.

E. Craig Wall *(Synod of S. C.)*, Conway, S. C.

Term Expires 1974

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C. P. Street *(Trustees)*, Charlotte, N. C.
The Rev. James G. Stuart *(Synod of N. C.)*, Gastonia, N. C.

John E. Smylie, *President, ex officio*

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The Rev. J. Cecil Lawrence, Charlotte, N. C.
The Rev. Arthur M. Martin, Columbia, S. C.
Arthur N. Morris, Baltimore, Md.
William F. Mulliss, Charlotte, N. C.
J. Norman Pease, Charlotte, N. C.
John J. Ryan, Charlotte, N. C.

ADMINISTRATION

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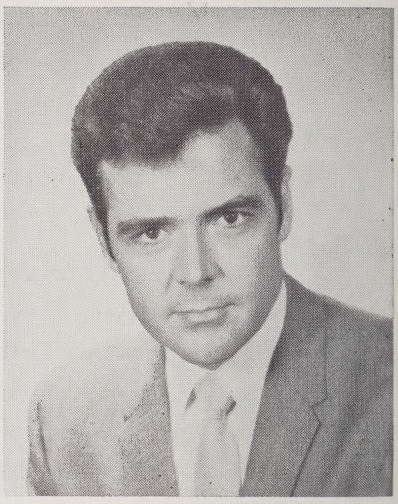
Academic Program	Alfred O. Canon B.A., M.A., Ph.D.	*Dean of the College*
	Rose K. Anderson, A.B., M.L.S.	*Director of the Library*
	Elise McC. Barksdale, A.B.	*Registrar*
	Donna J. Newell	*Assistant to Registrar*
Student Services	Ann S. Gebhardt, B.F.A., M.A.	*Dean of Students*
	Terry L. Edmonson, A.B., M.R.E.	*Director of Admissions*
	Laurie Connor, A.B.	*Admissions Counselor*
	Georgina G. Powell, A.B.	*Admissions Counselor*
	L. Paul Samuelson, A.B., M.Div.	*Admissions Counselor*
	Paul O'Bar, M.D.	*College Physician*
	Elva Burgess, A.B., M.S., Ph.D.	*Consulting Psychologist*
	Virginia G. Cartlidge, R.N.	*Head Nurse*
	Jean Stewart, R.N.	*Nurse*
Business Management	George S. Kilner, B.S.	*Treasurer and Business Manager*
	Donald D. McNeill	*Assistant Treasurer*
	Dorothy A. Wentz	*Bookkeeper*
	Brenda D. McCormick, A.A.	*Cashier*
	Martin F. Kaelke	*General Superintendent of Maintenance*

	A. Jackson Bost	*Superintendent of Buildings and Grounds*
	Frank Brooker, B.S.	*Saga Food Director*
	Ruth Hardin	*Superintendent of Residence Halls*
Development	Mildred L. Miscally, A.B., M.A.	*Director of Publications and Placement*
	Anne S. Caldwell, A.B.	*Director of Alumnae Affairs and Student Aid*
	David L. Pate	*Printer*
	Linda S. Reynolds	*Addressograph Operator*



Secretaries	Helen M. Barto	*Business Office*
	Mary Wain I. Ellison, A.B.	*Admissions*
	Gertrude G. Gill, B.S.	*Dean of Students' Office*
	Kathleen N. Gurley	*Continuing Education*
	Marian F. Henderson	*Faculty*
	Jeanette B. Hodges, G.S.S.	*Faculty*
	Bette W. Honeycutt	*President's Office*
	Margaret N. Maultsby	*Publications and Placement*
	Jean Robinson, A.B.	*Alumnae*
	Elizabeth N. Southern	*Dean's Office*
	Mildred Vessell	*Maintenance*
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Post Office	Thomas O. Squires, Jr.	
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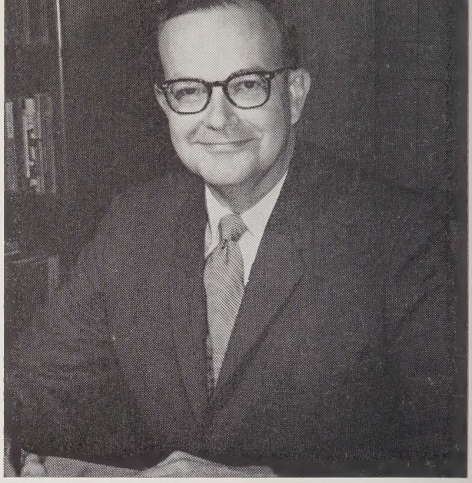
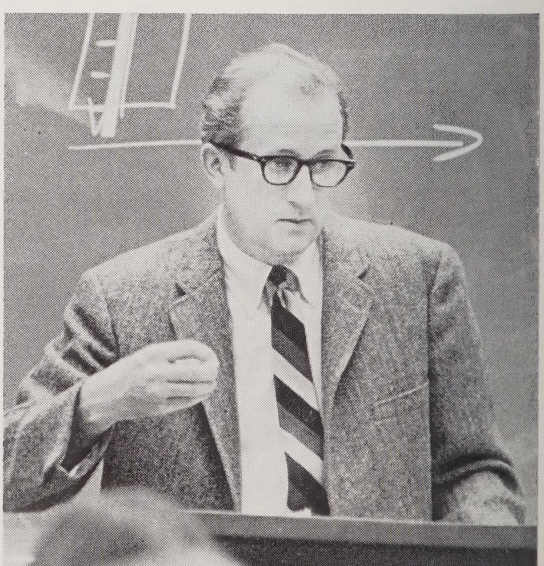
	Anne S. Gaffney	
	Lorena A. Goeller	
	Carrie B. Green	
	Mary C. Tinsley	
	Bryte W. Tison, R.N.	





FACULTY

Date following name and title indicates the year of initial appointment to the faculty of Queens College.

Administrators with Faculty Rank

ROSE K. ANDERSON, *Assistant Professor and Director of Library* 1965
A.B., University of Chattanooga; M.L.S., Rutgers University

ALFRED O. CANON, *Dean of the College* 1970
B.A., Southwestern at Memphis; M.A., Ph.D., Duke University

ANN S. GEBHARDT, *Assistant Professor of Art and Dean of Students* 1953
B.F.A., M.A., Ohio State University

MILDRED L. MISCALLY, *Assistant Professor of Journalism and Director of Publications and Placement* 1946
A.B., M.A., University of Georgia

JOHN EDWIN SMYLIE, *President of the College* 1967
A.B., Washington University; B.D., Th.D., Princeton Theological Seminary

Full-Time Faculty

ROBERT A. ARCHER, *Instructor in Mathematics* 1968
A.B., M.A., University of South Florida

GERALD P. BRADLEY, *Assistant Professor of Philosophy* 1970
B.A., M.A., LaSalle College; M.A., Ph.D., Northwestern University

CHARLES E. BREWER, JR., *Associate Professor of Economics* 1960
A.B., Princeton University

ROBERT W. CALDER, *Associate Professor of Music* 1970
B.S., Temple University; M.M., University of Michigan; D.Ed., Pennsylvania State University

JANICE C. COFFEY, *Assistant Professor of Biology* 1967
B.S., Appalachian State University; M.S., Ph.D., University of South Carolina

JANE F. CROSTHWAITE, *Instructor in English* 1969
A.B., Wake Forest University; A.M., Duke University

RICHARD AKIN DAVIS, *Assistant Professor of History* 1966
A.B., Washington and Lee University

FRANK DEFELICE, *Associate Professor of Economics* 1969
A.B., Michigan State University; M.B.A., Ph.D., University of North Carolina at Chapel Hill

GORDON D. DUNCAN, *Professor of Chemistry* 1966
B.S., North Carolina State University at Raleigh; Ph.D., Cornell University

NANCY L. EAGLE, *Associate Professor of Music* 1950
B.S., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

LLOYD JAMES ELLIOTT, *Professor of Economics* 1968
B.S., St. Mary's University; M.B.A., University of Houston; Ph.D., University of Texas

JACK H. FEHON, *Dana Professor of Biology* 1956
B.S., M.S., University of Florida; Ph.D., Florida State University

*BERNARD A. FUSARO, *Dana Professor of Mathematics* 1967
B.A., Swarthmore College; M.A., Columbia University; Ph.D., University of Maryland

JUDITH TOWNSEND GATLIN, *Assistant Professor of English* 1968
A.B., Mary Washington College; M.A., Ph.D., University of Iowa

MARY E. GOVER, *Instructor in Physical Education* 1970
B.S., Central Michigan College; M.A.T., Winthrop College

M. KEATING GRIFFISS, *Assistant Professor of Art* 1967
A.B., Sweet Briar College; M.S., University of Georgia

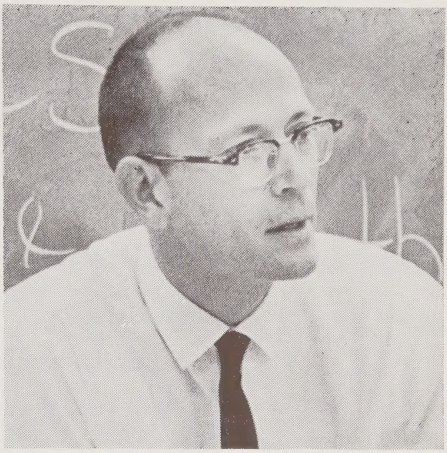
*CHARLES O. HADLEY, *Assistant Professor of English* 1955
A.B., Davidson College; M.A., University of North Carolina at Chapel Hill

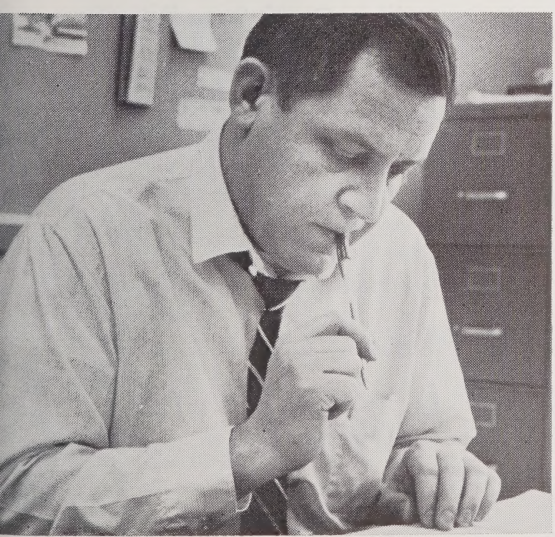
MARIE J. HARGETT, *Assistant Professor of Music (Piano)* 1956
B.Mus., Greensboro College; M.Mus., Cincinnati Conservatory of Music

EDWIN REID HARRIS, *Professor of Psychology* 1968
A.B., Yale University; Ph.D., Purdue University

MARY C. HOPPER, *Assistant Professor of Foreign Languages (Spanish)* 1967
A.B., Georgia State College; M.A., University of Missouri

*On leave 1970-71.





AGNES F. HOSTETTLER, *Assistant Professor of Foreign Languages (German)* 1963
A.B., Lenoir Rhyne College; M.A., Middlebury College

HUGHES B. HOYLE, JR., *Professor of Mathematics* 1945
A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

CLIVE FRANKLIN JACKS, JR., *Associate Professor of Religion* 1969
A.B., Emory University; B.D., Columbia Theological Seminary; Th.D., Union Theological Seminary

ALAN D. JACOBS, *Assistant Professor of History* 1968
A.B., Wheaton College; B.D., Gordon Theological Seminary; Ph.D., Emory University

ELEANOR LLOYD JENKINS, *Associate Professor of Mathematics* 1941
A.B., Queens College; M.A., University of North Carolina at Chapel Hill

MARJORIE T. KIRBY, *Assistant Professor of Foreign Languages (Spanish)* 1962
A.B., Birmingham-Southern College; M.A., University of North Carolina at Chapel Hill

PATRICIA ANN KYLE, *Assistant Professor of Political Science*
A.B., M.A., Indiana University

JOSEPH E. LAMMERS, *Assistant Professor of Music (Piano)* 1962
B.Mus., University of Alabama; M.Mus., Florida State University

W. GREG LANIER, *Assistant Professor of Psychology* 1968
A.B., Duke University; M.A., Kent State University; Ph.D., Emory University

CATHERINE SUE Y. LITTLE, *Instructor in English* 1969
A.B., M.A., Emory University

FRANCES E. LOPEZ, *Instructor in Foreign Languages (Spanish)* 1967
B.A., Lake Forest College; M.A., Middlebury College

JOHN D. MCCLANAHAN, *Associate Professor of Art* 1967
B.F.A., Bethany College; M.F.A., State University of Iowa

MILDRED MORSE MCEWEN, *Professor of Chemistry* 1924
A.B., Queens College; A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

RUTH R. MAGHER, *Assistant Professor of Physical Education* 1947
B.S., University of North Carolina at Greensboro

VIRGINIA LORELLE MARTIN, *Assistant Professor of Biology* 1966
B.S., Wake Forest University; M.S., Ph.D., Emory University

EMORY HOUSTON MASON, JR., *Associate Professor of Education* 1965
A.B., Catawba College; M.A., Appalachian State University; Ph.D., Duke University

THOMAS F. MASON, *Assistant Professor of Art* 1965
B.S., Stephen F. Austin State College; M.F.A., University of Iowa

MALINDA MAXFIELD, *Associate Professor of English* 1965
B.A., Ph.D., Vanderbilt University

ALBERT R. MAY, *Associate Professor of Music (Voice)* 1960
Boston University College of Music; Juilliard School of Music

YANCEY LEONARD MEDLIN, *Professor of Education* 1962
A.B., M.Ed., Ph.D., University of North Carolina at Chapel Hill

JOHN D. MORRISON, *Associate Professor of Music (Organ)* 1947
B.Mus., M.Mus., Northwestern University; A.A.G.O.

PAUL B. NEWMAN, *Professor of English* 1963
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

JIMMIE C. OATES, *Professor of Physics* 1962
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

ROGER PEARSON, *Associate Professor of Sociology* 1970
B.Sc., M.Sc., Ph.D., University of London

PHYLLIS A. PHARR, *Assistant Professor of Physical Education* 1964
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

NORRIS W. PREYER, *Dana Professor of History* 1957
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

LINDA H. REEDER, *Instructor in English* 1969
A.B., Catawba College; M.A., University of Tennessee

RICHARD W. REICHARD, *Dana Professor of History* 1969
A.B., Lafayette College; M.A., Ph.D., Harvard University

CHARLES DEWEY HILLES REYNOLDS, *Assistant Professor of English* 1968
A.B., Williams College; M.A., University of Chicago

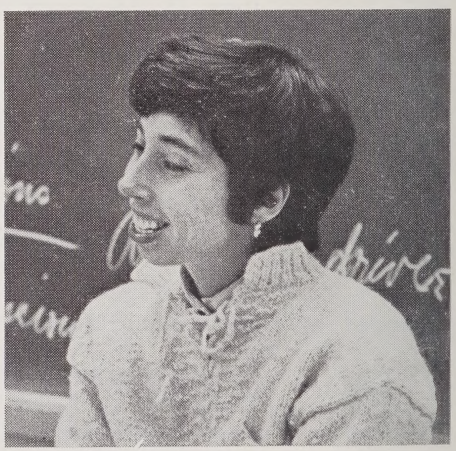
CAROLINE GORDON RICHARDSON, *Assistant Professor of Foreign Languages (French)* 1950
A.B., Winthrop College; M.A., University of South Carolina

MYRNA HARKINS ROSE, *Instructor in French* 1969
A.B., Millikin University; M.A., University of Kentucky

GEORGE A. SHEALY, *Professor of Art* 1960
Indiana University; Chicago Art Institute; Bell School of Art; Oxbow School of Painting

JOYCE HAYES SHEALY, *Professor of Psychology* 1959
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

JAMES D. SHUMAKER, *Associate Professor of Philosophy* 1970
A.B., Pfeiffer College; M.A., Ph.D., Florida State University



ALEO G. SICA, *Assistant Professor of Music (Violin)* 1969
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

MARY THOMAS SMITH, *Assistant Professor of Education* 1962
A.B., M.A., East Carolina University

GEORGE A. STEGNER, *Dana Professor of Music (Piano)* 1955
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

DAVID VERNON SYFERT, *Assistant Professor of Political Science* 1968
B.A., Cornell College; M.A., Michigan State University

AVERAL T. TRIMBLE, JR., *Professor of Chemistry* 1965
B.S., M.S., Georgia Institute of Technology; Ph.D., University of Wisconsin

CYNTHIA H. TYSON, *Assistant Professor of English* 1969
M.A., University of Leeds (England)

EDMUND T. WEIANT, *Z. Smith Reynolds Professor of Foreign Languages (Russian)* 1959
A.B., Cornell University; Ph.D., Universitat Basel (Switzerland)

SARAH M. WEST, *Assistant Professor of Secretarial Practice* 1947
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

CHARLES MICHAEL WOLF, *Assistant Professor of Sociology* 1970
B.A., Berea College; M.A., University of North Carolina at Chapel Hill

WILLIAM WARREN WOMBLE, *Instructor in Foreign Languages (French)* 1968
B.S., Davidson College; M.A., University of North Carolina at Chapel Hill

ELIZABETH G. WRIGHT, *Professor of Religion* 1961
A.B., Wilson College; B.C.S., Rider College; B.D., Yale Divinity School; Ph.D., Yale University

Part-Time Faculty

MARGERY WILLIAMS ADAMS, *Assistant Professor of Art* 1967
A.B., Smith College; M.A., Ph.D., Radcliffe College

JAMES W. CLAY, *Visiting Instructor in Geography* 1967
B.S., M.A., Marshall University; Ph.D., University of North Carolina at Chapel Hill

Librarians with Faculty Rank

MARY P. RAINES, *Head of Cataloging Department* 1962
A.B., High Point College; B.S. in L.S., University of North Carolina at Chapel Hill

NELLIE W. MARET, *Assistant Cataloger* 1968
B.C.S., Georgia State College; M.L.S., George Peabody College for Teachers

SUZANNE S. DAVIS, *Reference-Circulation Librarian* 1969
A.B., University of Oklahoma; M.L.S., University of Illinois

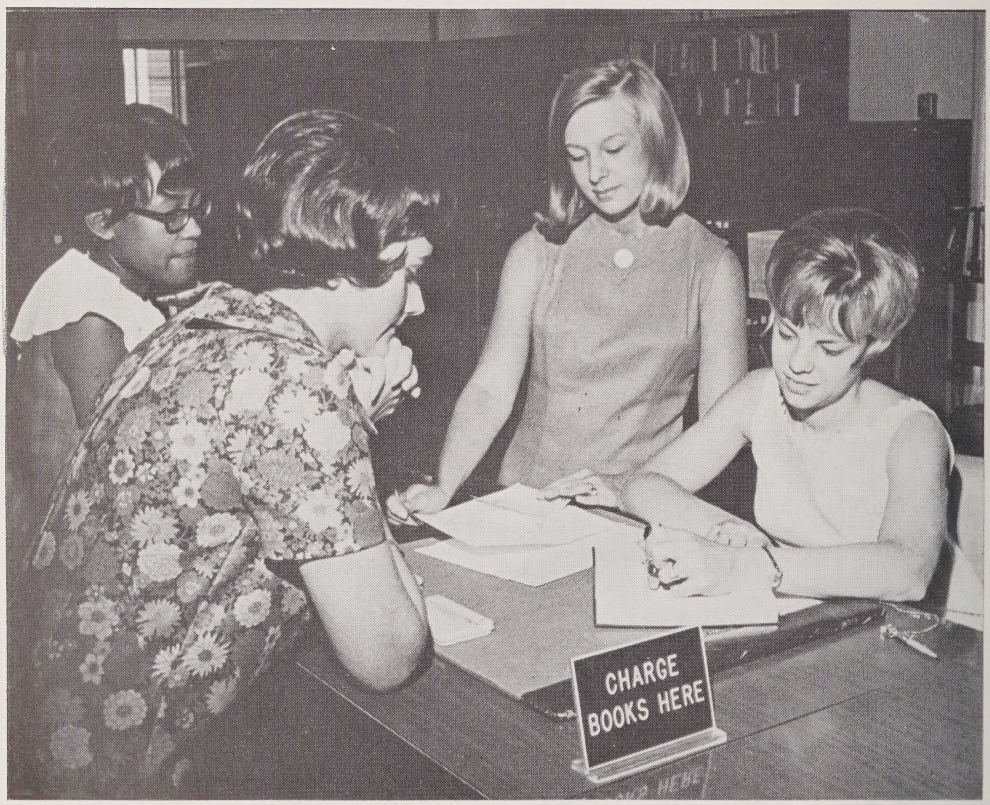
Library Staff

SALLIE B. BRODY, *Library Assistant*

MARGARET K. DUDLEY, *Catalog Assistant*

KATHERINE I. JENKINS, *Library Assistant*

RAJA T. KOURI, *Library Clerk*



PROFESSORS EMERITI

ETHEL M. ABERNETHY, *Professor Emeritus of Psychology*
A.B., Duke University; M.A., Ph.D., University of Chicago; D.Sc., Queens College

THELMA ALBRIGHT, *Associate Professor Emeritus of English*
A.B., Greensboro College; M.A., Duke University

ROBERTA T. S. CHALMERS, *Associate Professor Emeritus of English*
A.B., D.Litt., Mount Holyoke College; M.A., Radcliffe College; B.Litt., Oxford University (England); D.Litt., Kenyon College

SARAH IRENE DUNLAP, *Assistant Professor Emeritus of Home Economics*
B.S., M.A., Winthrop College

RENA C. HARRELL, *Librarian Emeritus*
A.B., Queens College; M.A., University of North Carolina at Chapel Hill; A.B. in L.S., Emory University

ELSIE STOKES MOSELEY, *Assistant Professor Emeritus of Music*
National Conservatory of New York

SARAH MCKEE NOOE, *Professor Emeritus of Biology*
B.S., Meredith College; M.A., Columbia University

MARY LEE TAYLOR, *Associate Professor Emeritus of Religion*
A.B., Salem College; M.R.E., The Biblical Seminary, New York

LAURA A. TILLETT, *Professor Emeritus of English*
A.B., Duke University; M.A., Columbia University

ALUMNAE ASSOCIATION OFFICERS

1970-71 MRS. GAYLE ROGERS, *President*

MRS. BEAUMERT WHITTON, *First Vice-President*

MRS. CARL O. BLAYLOCK, *Second Vice-President*

MRS. W. D. HAMPTON, *Secretary*

MRS. ELLISON F. EDWARDS, *General Fund Chairman*

DEGREES CONFERRED 1970

Honorary Gladys Avery Tillett, *Doctor of Humanities*

Bachelor of Music

Mary Alice Andrews
Marilynn Keller Bielen
Alice Gwendolyn Blair
cum laude
Sara Miller Calhoun
Carolyn Thomas Culbreth
Susan Adele Garman
Mary Elizabeth Gunter
Winifred Sterling Kephart
Suzanne Lee Murphy
Mary Marshall Nash
cum laude
Margaret Victoria Norman
Elizabeth Ann Vincent
Emily Elizabeth Weeks
Angela Laurell Wise

Bachelor of Arts

Anita Jayne Austin
Nancy Kay Autry
Ann Elizabeth Bailey
Judy Elaine Baker
Lou Henry Banister
Mary Elizabeth Barnett
Barbara Elaine Baublits
Virginia Lewis Beddall
Nancy Mae Black
Helen Louise Bracknell
Dorothy Lynn Bradley
Alice Melinda Brockman
Beverly Brown Brooks
Glenda Harriet Brown
Mary Elizabeth Burry
Hope Byrne
Carole Jeanne Cameron
Charlene Jane Carlock
Harriet Cowles Carter
Sue Louise Cashion
Georgann Chenault
Jane Scofield Chew
Andrea Lou Cipolat
Martha Bass Clark
Joy Lynn Clower
Charlotte Susan Cobb
Mary Aneita Coker
Laurie Connor
Ellen McRae Covington
Christine Ellwood Crawford
Denise Roberts Cross
Martha Bringhurst Davidson
cum laude
LaNelle Mary Dominick
Florence Ann Foster
Nancy Elaine Fricks
Deborah Jean Gates
Jennie Elizabeth Goodman
Carolyn Gordon Gwyn
Margaret Hackett
Carolyn Coberly Hall
Karen Hammond
Deborah Dillabough
Hampton
Betsy Jane Hansley
Darlyn Beaver Henderson
Sarah Winborne Howell
magna cum laude
Nancy Edith Jennings
Ruth Annelle Johnston
Julia Virginia Jones
Ellen Lenora Key
Mattie Gay Kissiah
Luna Frances Lambert

Anne Morris Lindner
Nancy Virginia Long
Amelia Smith Lucas
Anne Haven McAleese
Linda Carol McCoy
Cathy Howarth McGarity
Mildred McLaurin
Caroline Buford McNeill
Sarah Gwendolyn McNeill
magna cum laude
Sally McVay
Caroline Mae Malinoski
Mary Katherine Marvin
Elizabeth Faulkner Massie
Susan Charlotte Merritt
Kathleen Golden Mitchell
Marilyn Helen Mitchell
Gaylia Elizabeth Moore
Sallie Lou Moore
Susan Lindsay Moore
Mary Morrison
Sara Jane Moyer
Kathleen Horting Owrey
Mary Laura Paddock
Judith Napier Page
Christi Parker
Marguerite Alida Phillips
Sharon Lee Pittman
Gay Ann Polyzois
Ann McKain Porter
Elizabeth Englar Potter
Georgina Grace Powell
Wendy Ann Pusey
Dawne Cameron Pushee
Susan MacAulay Rankin
Anna Bell Reamer
Ellen Louise Regel
Sara Ann Rhea
Katharine Woodward Richards
Katharine Camden Robertson
Nancy Neal Rogers
cum laude
Nancy Ann Root
Martha MacLeod Rowan
Jennie Mapp Rue
Marie Susan Rutland
Carolyn Anne Sakowski
Virginia Sawyer Schenck
Mary Bellamy Schlaefer
Jean Young Schutte
Deirdre Ann Sheetz
Catherine E. Shelly
Susan Cowan Shivers
Nancy Jean Sigman
Marjorie Louise Solomon
Helen Virginia Strawn
Nellie Frances Therrel
Camilla Thomson
Barbara Lou Triplett
Elizabeth Ruth Tupy
Dallas Lee Turnage
cum laude
Lee Vosbeck
Martha Wallace Watson
Mary Lida Weed
Betsy Marie Weeks
Catherine Alice White
Deborah Lide Williams
Nancie Alwayne Williams
Kathryn Hall Wilson
Molly Seymour Wilson
Judith Windle
Nancy Howard Withers
cum laude
Lucy Ellen Younkers

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HONORS AND AWARDS 1969-70

College Marshals

Sheryl Lynne Leverett
Chief Marshal
Emily Alice Albritton
Patricia Walden Alford
Jacquelyn Elizabeth DeBerry
Linda Parker Lane
Angie Lee Malone
Katherine Leigh McKee
Marilyn Josephine Roberts

Sullivan Awards

Susan Charlotte Merritt
Edward H. Little

Who's Who in American Universities and Colleges

Charlene Jane Carlock
Laurie Connor
Jennie Elizabeth Goodman
Margaret Hackett
Carolyn Coberly Hall
Sarah Winborne Howell
Luna Frances Lambert
Sarah Gwendolyn McNeill
Mary Katherine Marvin
Sallie Lou Moore
Ann McKain Porter
Georgina Grace Powell
Wendy Ann Pusey
Sara Ann Rhea
Nancy Neal Rogers
Carolyn Anne Sakowski

Elected to Sigma Upsilon

Annie Katrina Black
Barbara Jeanne Calhoun
Julia Thoben Ferrill
Kathryn Anne Fetter
Charlotte Catherine Henson
Mary Ann Hester
Marian Elizabeth McGregor

Elected to Delta Omicron

Mary Alice Andrews
Rebecca Lynn Dill
Sylvia Rae Estes
Delia Sutherland Gaffney
Mary Elizabeth Shelley
Dora-Weston Spady

Faculty Award 1969-70

Charles E. Brewer, Jr., *Associate Professor of Economics*

Queens Scholars 1969-70

Patricia Ward Bower
Susan McPherson Coblentz
Marcia Antoinette Cooke
Virginia Reed Crooke
Mary Eleanor Eaddy
Marie Floyd
Gayle Marie Gilman
Rebecca Marion Hodges
Sarah Ramsey Holleman
Margaret Ann Love
Kathie Lynne Mauldin
Virginia Lewis McIntyre
Katherine Leigh McKee
Betty Lyle Norwood
Bridget Ann O'Dwyer
Nadia Rasheed
Amanda Elizabeth Templeton
Leonora Muldrow Tubbs

Dana Scholars 1969-70

SOPHOMORES

Patricia Walden Alford
Elaine Howell Ashe
Annie Katrina Black
Susan Yvonne Byers
Elizabeth Anne Doughty
Evanthia Fragakis
Margaret Anne Gwyn
Gail Donna Lawton
Martha Sherwood McGeachy
Margaret Lee McNeeley
Melanie Merriam
Mary Melinda Morrison
Marsha Ethel Moss
Harriet Ann New
Marilyn Josephine Roberts
Jean Catherine Robinette
Danna Lynn Sheetz
Deborah Scott Williams
Susan Carol Yandle

JUNIORS

Emily Alice Albritton
Susan Elizabeth Arnold
Teresa Campbell Caton
Elizabeth Meredith Duke
Delia Sutherland Gaffney
Harriet Erwin Hart
Harriet Elizabeth Hudson
Sheryl Lynne Leverett
Virginia Joyce McKey
Angie Lee Malone
Juanita Annette Paul
Peyton Ann Potter
Julieann Pristash
Sallie Trippe
Marsha Turner
Sally Marie Walker

SENIORS

Alice Gwendolyn Blair
Charlene Jane Carlock
Carolyn Thomas Culbreth
Susan Adele Garman
Margaret Hackett
Anne Erwin Heeseman
Sarah Winborne Howell
Luna Frances Lambert
Sarah Gwendolyn McNeill
Sallie Lou Moore
Mary Laura Paddock
Ann McKain Porter
Wendy Ann Pusey
Nancy Neal Rogers
Martha MacLeod Rowan
Carolyn Anne Sakowski
Dallas Lee Turnage
Nancy Howard Withers

SUMMARY OF ENROLLMENT

1969-70	Senior Class	133
	Junior Class	140
	Sophomore Class	191
	Freshman Class	229
	Non-degree	15
		705

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1969-70	Alabama	13	Mississippi	2
	Arkansas	10	New Hampshire	1
	California	1	New Jersey	19
	Connecticut	7	New York	7
	Delaware	3	North Carolina	161
	District of Columbia	7	Ohio	7
	Florida	75	Pennsylvania	25
	Georgia	96	South Carolina	105
	Hawaii	1	Tennessee	27
	Illinois	1	Texas	9
	Indiana	1	Virginia	84
	Iowa	1	West Virginia	16
	Kansas	1	U. S. Citizen living abroad	1
	Kentucky	8	Paraguay	1
	Louisiana	4		
	Maryland	7		
	Massachusetts	3		
	Michigan	1	TOTAL	705

CALENDAR FOR 1970-71

1970

Regular Session

August	24	Monday	Residence halls open to freshmen and transfer students 6:00 p.m. Orientation Program
August	25	Tuesday	Residence halls open for returning students
August	26	Wednesday	8:00 a.m.-4:30 p.m. Registration
August	27	Thursday	8:00 a.m. Classes begin
October	20	Tuesday	Mid-point of first semester
October	22	Thursday	12:50 p.m. Fall Recess begins
October	26	Monday	8:00 a.m. Classes resume
November	25	Wednesday	12:50 p.m. Thanksgiving Recess begins
November	30	Monday	8:00 a.m. Classes resume
December	11	Friday	Reading Day
December	12	Saturday	Final Examinations begin
December	18	Friday	Final Examinations end

1971

January	11	Monday	8:00 a.m.-4:30 p.m. Registration
January	12	Tuesday	8:00 a.m. Classes begin
March	5	Friday	Mid-point of second semester
March	6	Saturday	8:00 a.m. Spring Recess begins
March	15	Monday	8:00 a.m. Classes resume
April	9	Friday	Classes suspended for Good Friday
May	5	Wednesday	Classes end
May	6	Thursday	Reading Day
May	7	Friday	Final Examinations begin
May	14	Friday	Final Examinations end
May	16	Sunday	Baccalaureate Service Commencement Convocation

TENTATIVE CALENDAR FOR 1971-72

1971

Regular Session	August	23	Monday	Residence halls open to freshmen and transfer students 6:00 p.m. Orientation Program
	August	24	Tuesday	Residence halls open for returning students
	August	25	Wednesday	8:00 a.m.-4:30 p.m. Registration
	August	26	Thursday	8:00 a.m. Classes begin
	October	15	Friday	Mid-point of first semester
	October	21	Thursday	12:50 p.m. Fall Recess begins
	October	25	Monday	8:00 a.m. Classes resume
	November	24	Wednesday	12:50 p.m. Thanksgiving Recess begins
	November	29	Monday	8:00 a.m. Classes resume
	December	10	Friday	Classes end
	December	11	Saturday	Reading Day
	December	13	Monday	Final Examinations begin
	December	18	Saturday	Final Examinations end

1972

January	10	Monday	8:00 a.m.-4:30 p.m. Registration
January	11	Tuesday	8:00 a.m. Classes begin
March	3	Friday	Mid-point of second semester
March	4	Saturday	8:00 a.m. Spring Recess begins
March	13	Monday	8:00 a.m. Classes resume
March	31	Friday	Classes suspended for Good Friday
May	4	Thursday	Classes end
May	5	Friday	Reading Day
May	6	Saturday	Final Examinations begin
May	12	Friday	Final Examinations end
May	14	Sunday	Baccalaureate Service Commencement Convocation

1970

AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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1971

JANUARY

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FEBRUARY

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MARCH

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APRIL

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JUNE

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JULY

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

AUGUST

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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER

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OCTOBER

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NOVEMBER

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31						

INDEX

— A —

Academic Program 17
Academic Regulations 25
Academic Standards 26
Administrative Officers and Staff 141
Admission Plans 17
Admission Procedures 18
Admission Requirements (Academic) ... 17
Admissions 17
Advanced Placement 20
Algernon Sydney Sullivan Award ..14, 156
Alumnae Association Officers 153
Application Form 18
Art 30
Attendance Policies 27
Auditing Courses 28
Awards Day 14

— B —

Bachelor of Arts Degree 24
Bachelor of Music Degree 24, 87
Biochemistry 39
Biology 35
Board of Trustees 139
Books (Cost) 132
Buildings 9

— C —

Calendar, August 1970-
December 1972 161
Campus 9
Campus Visits 20
Chapel 9, 13
Charlotte Area
Educational Consortium 7, 126
Chemistry 39
Class Standing 26
College (General Information) 5
College Calendar, 1970-71 159
College Calendar, Tentative, 1971-72 ..160
College Entrance Examination Board... 18
College Entrance Examinations 18
College Grants 134
College Scholarship Service 134, 136
College Scholarships
(See Queens Programs) 134
College Work-Study Program 133
Committee on
Student Qualifications 17, 19, 20
Concerts 14, 15
Contemporary Affairs 81, 127
Continuing Education for Adults 126
Continuing Education, Summer
Program for Teachers 47, 126
Cooperative Programs 7
Correspondence Guide 2
Cost, See Financial Information 124
Counseling, Academic 21
Course Numbers 29
Courses of Instruction 29

— D —

Dana Auditorium 9
Dana Scholars 135, 157
Dana Scholarships 134, 135
Dean's List 124
Deferred Payment Schedule 131
Degree Programs 22
Degree Requirements 22
Degrees Conferred, 1970 154
Delta Omicron 156
Departmental Listings 29
Directed Reading 122
Directories 139
Distributed Requirements 23
Dramatic Art 58

— E —

Early Decision Plan 17, 18, 19
Economics 42
Education Department 46
Education Funds, Inc. 131
Educational Opportunity Grants 133
Elective Hours 22, 24
Educational Program 22
Eligibility to Continue 27
Eligibility to Represent the College 27
Emeritus Professors 153
English 51
English Composition 52
English Composition Achievement Test . 18
English Literature 53
Enrollment, Summary of 158
Entrance Procedures 18
Entrance Requirements 17
European Study,
See Queens European Program 126
Examinations 27
Expenses, See Financial Information 129
Expenses, Non-College 132
Experiment in International Living 127

— F —

Faculty 145
Administrators with Faculty Rank 145
Full-Time 145
Librarians with Faculty Rank 152
Part-Time 151
Professors Emeriti 153
Faculty Award 156
Faculty Recitals 14
Federal Programs 133
College Work-Study Program 133
Educational Opportunity Grants 133
Guaranteed Loans 133

INDEX (Continued)

National Defense Student Loans 133
Fees 129
Attendance for One Semester 130
Commuting Students 129
General Information 130
Part-Time Students 129
Regulations Regarding 130
Resident Students 129
Schedule of Payments 131
Student Activity 129
Special 129
Application 129
Course Fees 130
Course Change 129
Diploma 129
Late Registration 129
Placement Dossier 129
Single Dormitory Accommodation ..129
Transcripts 129
Field of Concentration 22
Financial Aid 133
Federal Programs 133
Queens Programs 134
Financial Aid Application 135
Financial Information 129
Fine Arts Center (E. H. Little) 9
Foreign Languages and Literatures 60
French 61
Freshman Honors Students 122

– G –

General Information 5
Geographical Distribution of Students ..158
Geography 50
German 64
Grading System 25
Graduation Honors 123
Guaranteed Loans 133
Guest Lecturers 15

– H –

Health Form and Report 19
Health Service 132
History 74
History of the College 5
Honor System 13
Honors and Awards 14, 156
Honors Colloquium 122
Honors Courses 124
Honors Programs 122
Honors Thesis 123

– I –

In-Course Honors 122
Independent Study 123
Infirmary 11, 126
Interdisciplinary Studies 81
International Education 127

– J –

Journalism 52

– L –

Latin-American Studies 70
Laundry 132
Lectures 14, 15
Library (Everett) 9
Librarians with Faculty Rank 152
Library Staff 152
Loan Funds 133, 136, 137
Location 9

– M –

Major Fields
See Field of Concentration 22
Marine Biology Program 37, 125
Marshals 124, 156
Mathematics 82
May Term 125
Music 87
Music Scholarships 134

– N –

Named Scholarships and Loan Funds ..136
National Defense Student Loans 133
National Merit Scholarship 134
Non-College Music 130
Non-Degree Students 20
North Carolina
Educational Computing Service ...8, 82

– O –

Office of Admissions 18
Orientation 21

– P –

Parents Confidential Statement 136
Part-Time Faculty 151
Part-Time Students 21, 129
Pass/No Record 26
Payment of Fees 130
Philosophy 98
Physical Education 24, 102
Physical Education, Exemption from ... 24
Physics 106
Piedmont University Center 8
Placement Dossier Fee 129
Political Science 107
Presidents of Queens College 6
Probation 27
Psychology 110
Purpose 6

INDEX (Continued)

— Q —

Quality Point System 25
Queens European Program 126
Queens Scholars 156
Queens Scholarships
(See Queens Programs) 134

— R —

Readmission of Former Students 20
Registration 25
Regular Decision Plan 17, 18, 19
Religion 114
Religious Life 13
Remission of Tuition 134
Report of Grades 26
Requirements for Graduation 22
Residence Halls 11
Russian 67
Russian Studies 67

— S —

Scholarship Applications 135
Scholarship and Grant Regulations 134
Scholarships 134
College Grants 134
Dana Scholarships 134
Departmental Scholarships 134
Named Scholarships 136
National Merit Scholarship 134
Scholastic Aptitude Test 18
Secretarial Practice 118
Semester Hours Credit 29
Semester Load 25
Sigma Upsilon 156
Social Life 14
Sociology 119
Sororities, Social 14
Spanish 70
Special Honors 124
Special Programs 125
Special Events 14
Special Students 21
Speech and Dramatic Art 58
Student Activity Fee 129
Student Assembly, Attendance 27
Student Government Association 13
Student Life 13
Student Property 132
Study Abroad 126, 127
Summer School Credit
from Another College 28
Summer Programs 125, 126

— T —

Teacher Certification 21, 24, 46
Test Requirements (Admissions) 18
Traditional Events 14
Transcripts, Fee 129
Transfers 20
Triangle Universities Computer Center .. 8
Trustees 139

— V —

Visiting Artists 15

— W —

Washington Semester 125
Who's Who in American
Universities and Colleges 14, 156
Withdrawal from a Course 28
Withdrawal from College 28